## MENA Carpet News

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Middle East and Africa Carpet and Flooring News



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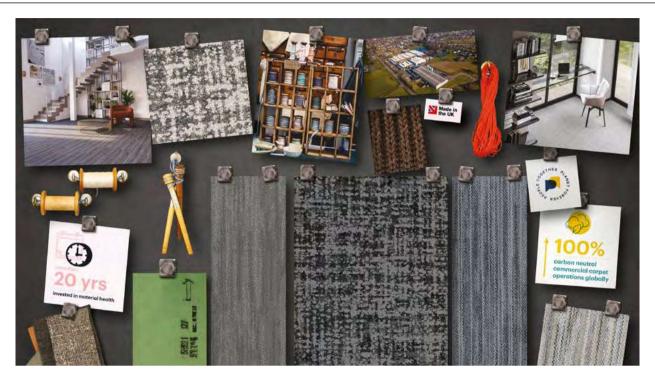
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## A focus on 'In Stock UK' and sustainable carpet tiles

eading carpet tile manufacturer Shaw Contract has confirmed that its 'In Stock UK' programme has seen huge demand since its launch.

Manufacturing carpet tiles at its facility in Scotland, premier commercial carpet and flooring brand Shaw Contract has also seen high demand throughout Europe and the Middle East for its products made in the UK.

The brand's 'In Stock UK' programme, developed in response to conditions which demand fast turnaround, and serviced from Shaw Contract's manufacturing base in Scotland, has seen demand grow through 2021.

Many top selling styles in 2021 were from 'In Stock UK' collections. With yarn in stock, a specially selected range of styles, and

supply of products from Scotland to its customers, Shaw Contract has been able to tailor a clear solution to meet market needs.

"Our key message is that we can offer the market a really quick solution – we have high quality, proven products in stock right now," says Andrew Jackson, Business Development Director EMEA.

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## Best choice. CarpetCabler CarpetTwister

SAURER.

#### Oriental Weavers

## Carpet targets \$15mIn investments in 2022

The company will also equip some factories with new looms and machines

Oriental Weavers Carpet targets \$15 million investments as part of the company's plan for 2022.

The company will also equip some factories with new looms and machines and raise their efficiency to increase production, according to a bourse filing on Tuesday.

Meanwhile, the company's investment and expansion plan 2021 is expected to reach around \$26 million.

It is noteworthy to mention that in the first nine months (9M) of 2021, the company recorded consolidated net profits of EGP 960.24 million, a surge of 57.9% year-on-year (YoY) from EGP 607.904 million, including minority shareholders' rights.



## ZIMMER AUSTRIA CUSTOMERS Selection of 2021

Some of the most interesting key projects among the orders booked and shipped in 2021 are listed below as examples of a successful year which has brought us back to pre-pandemic levels. Additionally, we are glad to have a good cushion of orders to start into 2022.

#### ROYAL TUFT LLC

With our Russian customer Royal Tuft LLC from the Moscow region we could complete the installation and commission a COLARIS.96-4200 print line for the production of Polyamide carpets. The new print line comprises complete machinery including feeding system, pre-washer, pre-steamer, printer, conveyor belt steamer, washing with vacuum extraction, foam applicator, fixation steamer, roller accumulators and winding station.

#### YAMUNA MACHINE WORKS LTD.

Together with Yamuna Machine Works Ltd. India we have ralized the first-of-its-kind digital double-side inkjet print line COLARIS-DUPLEX 96-4200. The COLARIS DUPLEX printer is suitable for printing of wool or acrylic based pile carpets on front and backside of the substrate in a single pass through the production line. The printer and the pre-washer come from ZIMMER AUSTRIA Digital Printing Systems. Other line components are supplied by Yamuna Machine Works Ltd..

#### **DINARSU IMALAT VETICARET TAS**

Turkish customer Dinarsu Imalat Ve Ticaret TAS has placed an order for his sixth digital printing line with ZIMMER AUSTRIA. This time it is a COLARIS 96-5200 for printing of polyester woven and tufted carpets. The line comprises of a fabric feeding system with roller accumulator, substrate cleaning system, pre-steamer, fabric guiding system, COLARIS printer, stenter dryer, reductive washing unit, a second stenter dryer, exit section with roller compensator and a re-rolling station. This installation is under commissioning these days.



At the German customer LAKO Laupheimer Kokosweberei GmbH & Co KG we have commissioned a COLARIS 24-2200 for production of Polyamide and cationic Polyester carpet mats. The print line is specially laid out for individual mat printing including printer, conveyor belt steamer, sandwich washer and dryer.

3

## PHOENOX TEXTILES LTD.

At Phoenox Textiles Ltd. in the UK we have installed and commissioned their CHROMOJET 800-2000 16x256 nozzles print line for the production of carpets made of cotton, Polyamide, Polyester and wool. This production line includes a fabric feeding system, sewing station, roller accumulator, pre-steamer, lint removal system, CHROMOJET printer, Supra-PRESS penetration enhancing system, conveyor steamer for dye fixation, multi-step washing system, multi-layer substrate dryer, exit section with roller compensator and winder. Additionally, we supplied a sample printer with laboratory press station.

## GPS - GLOBAL PRINTING SYSTEMS

Towards the end of the year we have shipped, installed and commissioned another COLARIS.32-1800 digital inkjet printer for terry towel fabrics at GPS Global Printing Systems in Portugal. The print line includes a fabric feeding system with inline pre-treatment application by a MAGNOROLL coating unit, the COLARIS printer, followed by post print drying and plaiting.

### KHANTEX GROUP LLC

In Uzbekistan we installed and commissioned a COLARIS.64-2600 digital inkjet printer for the production of home textile fabrics at our customer Khantex Group LLC. The print line further included a ZIMMER AUSTRIA, MODUS multi-purpose loop steamer for dye fixation.



Our customer Maples Industries Inc. from Scottsboro in the United States has given a repeat order for their latest high-capacity carpet printer model CHROMOJET HSV400-R with 12 spot colors and 1280 nozzles for each color.

#### **TAPIDOR**

With another order from Algeria by our customer Tapidor, we could supply, install and commission a COLARIS 96-4200 carpet print line for the production of Polyamide based tufted carpets. The production line includes a fabric feeding system with unwinder, j-box, sewing station, prewasher, substrate guiding, COLARIS printer, conveyor belt steamer, post-print washing system, stenter dryer, exit station with roller accumulator and winder. An additional COLARIS 12.1200 sample printer was part of the supply.

#### **EPE TDA ALFADITEX**

The Algerian customer EPE TDA Alfaditex has ordered a COLARIS 12-2200 digital inkjet printer and dryer for the production of wiping tissues. The print line has been delivered, installed and commissioned.







#### From page 1

"We know there are quite a lot of tight turnaround projects on the go just now, but contractors are also looking for consistency and certainty of supply. Our 'In Stock UK' programme means that, whether the requirement is for high quality carpet tiles or for resilient flooring, we can help specifiers meet the tightest of schedules."

The company believes it is uniquely placed to meet burgeoning market demand at a time when the contract flooring sector is hungry for product, but many companies are unable to supply. The 'In Stock UK' programme includes a wide palette of linear and non-directional patterns in complementary carpet tile styles and tonal colours, along with LVT options.

"We keep yarn in stock at our manufacturing facility to ensure continued and flexible supply. This has also supported our continued introduction of new carpet tile collections.

Along with technical developments solutions specially designed for the UK and EMEA market are ongoing through the design and innovation work conducted at our facility in Scotland," says Samantha Dawe, Marketing Director EMEA, Shaw Contract.

Design is key at Shaw Contract, and the company runs its own Design Awards, to recognise the best use of the company's products, as featured in projects from around the world.

Backing up excellence in design is a focus on sustainability, and Shaw Contract was the first flooring manufacturer in the world to offer a Cradle-to-Cradle flooring product. Continuing to innovate, Shaw Contract introduced carpet tile collections last year which

are carbon neutral and optimised for low embodied carbon.

These include styles Beam and Braid, two new carpet tile styles designed in the UK which join Shaw Contract's Suited collection, and take its inspiration from the feeling of purpose and community that is associated with weaving, braiding and crafting. Beam and Braid co-ordinate with our other Suited styles, and the entire range of carpet tile collections, made in the UK.

The Suited collection features EcoSolution Q100 yarn which features 100% content from recycled sources. Optimised for low embodied carbon, this carbon neutral collection is manufactured in Shaw Contract's Scottish factory, which is also a carbon-neutral manufacturing facility.

Also, carbon-neutral and optimised for low embodied carbon are popular collections such as Haven, featuring three distinctive styles, and Living Systems which includes nine different tile options.

With occupant health and wellbeing a critical consideration in today's interiors, Beam and Braid also launched as available on Shaw Contract's ComfortWorx backing for an option that provides for both acoustic and underfoot comfort.

ComfortWorx is a new backing system for EMEA that provides a solution for both acoustic and underfoot comfort. Occupant health and wellbeing is a consideration for productive environments where we can work, learn and collaborate successfully.

Sound can negatively impact building occupants. ComfortWorx tiles were designed to

provide improved impact sound reduction and improved sound absorption over standard carpet tile and hard surfaces.

Testing has shown that loudness of impact noise can be halved when compared with standard TaskWorx tiles. And in terms of sound absorption an improvement of over 65% in sound absorption on some styles compared with standard TaskWorx tiles has been identified.

Constructed for underfoot comfort, carpet tiles with ComfortWorx backing are an option that also provides for both durability and ergonomic benefits. ComfortWorx is made with 90% post-consumer PET plastic bottles.

And in using recycled PET plastic bottles this helps consume and re-use waste plastic as a useful material. Tiles can be re-used and are taken back as part of Shaw Contract's Takeback scheme.



## Why are carpet yarns twisted on Two-for-One twister?

aurer CarpetCablers and CarpetTwisters have been successfully used for decades to produce high quality, premium yarns for quality carpets and other textiles in the most economical way.

They offer optimum possibilities for reliably and confidently mastering even the most unusual requirements of an ever-changing market.

#### The reasons are essentially two-fold:

In order to produce a stable, open pile thread under conditions of maximum cost efficiency. This applies particularly to BCF filament utilized as single yarns for the manufacture of particularly thick carpets by the tufting process. The upgrading process used in this case is generally referred to uptwisting.

In order to manufacture a particularly durable thread for woven carpets. In this case, preference is given to staple fibres, wool or polyacrylate yarns, or polyamide, polypropylene and various blends specifically devised for the manufacture of carpets. The process used in this case is classic Two-for-One twisting.

**Energy:** Low energy consumption

**Economics:** Higher productivity and package density



**Ergonomics:** Easy handling and cleaning

#### and more...

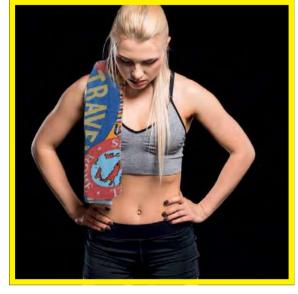
- Computer controlled electronical drive system
- fast, easy and save adjustment
- low personnel costs
- · higher machine availability
- higher production and reliability



#### **READY TO SUPPORT YOU**

#### TEXTILE PRINTING





COLARIS Digital Printing Systems can print on almost any fiber-based material.

Through certified ink manufacturers reactive, low and high energy disperse, direct sublimation, acid, VAT Indanthrene and cationic inks are available.

Common end-products are home textile incl. bedding, furnishing, window fashion, terry towel, velour substrates but also knit fabrics in the fashion industry.

#### FLOOR COVERINGS





The wide range of products such as contract, automotive, promotion, residential or function carpets etc. requires matching of specific fastness properties for each individual product. Accordingly, different inks, print and finishing processes are required.

COLARIS and CHROMOJET technology cover the complete range of textile-based floor coverings incl. wall to wall carpets, rugs, mats and tiles, no matter whether they are produced from PA, PES, CDPES, PAN, CO, VIS, Sorona,

#### NARROW FABRICS





Single pass printing at highest efficiency onto a big variety of different substrates.

Full range of inks such as acid, sublimation, high energy disperse, automotive grade disperse, pigment and reactive inks is available through various certified suppliers.

COLARIS-NF can be integrated into an existing dyeing range or laid out as a fully integrated production line including inline pre-treatment, post treatment, washing and finishing.

#### NUARY 2022

#### **CHALLENGE US**



#### **■ TECHNICAL TEXTILES**





Functionality fabrics, military applications, automotive textile, sunblind fabrics, umbrellas, awnings, fabrics for flags and banners, camping and different outdoor use such as construction fabric are covered under our Technical Textile business unit.

Mentioned products can be printed either with our valve based CHROMOJET or the piezo based COLARIS or COLARS-NF technology.

#### SPECIALITIES





Our technologies based on CHROMOJET and COLARIS product lines can also be used for special coatings, conductive printing or may also cover other products

Electro conductive printing, thermophore coatings, security prints, 3D digital manufacturing are just a few applications that are covered

#### ZIMMER AUSTRIA Digital Printing Systems is the competent partner to your success in printing and finishing of textile-based substrates.

- Developing the idea
- Building the process
- Installing and commissioning the equipment
- Implementing and transferring the process technology and Know-how
- Servicing the production line
- Designing and manufacturing the printer and line components

#### INNOVATION | QUALITY | SERVICE

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## Turkey's wool yarn exports reached 42 million 631 thousand dollars

ast year, Turkey earned 42 million 631 thousand dollars from wool yarn exports, most of which are used in the carpet industry.

According to the information compiled by AA correspondent from the Aegean Exporters' Association data, in 2020, wool yarn exports of 31 million 73 thousand dollars were made from Turkey to 85 countries.

Exporting wool yarn to 87 countries last year, Turkey increased its revenue from exports to 42 million 631 thousand dollars by increasing 37 percent compared to the previous year.

Germany ranked first with 8.2 million dollars in the ranking of the countries to which the most exports were made. This country was followed by the United Kingdom with 5.6 million dollars, the USA with 4.8 million dollars, Denmark with 4.7 million dollars and Norway with 2.9 million dollars.

#### Firms increased capacity

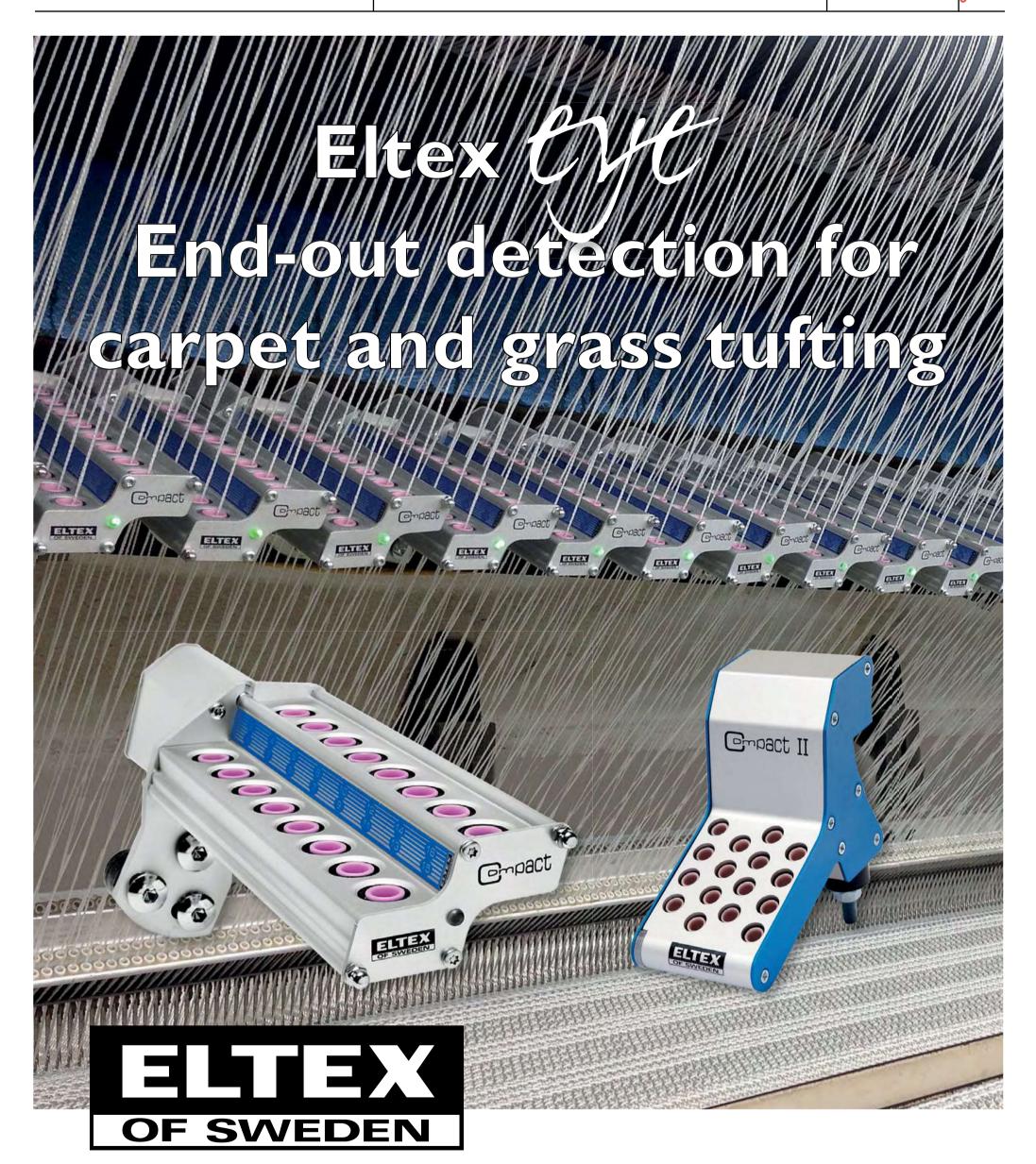
Demirci Chamber of Commerce and Industry President Nurettin Kelem told Anadolu Agency (AA) that his family has been producing woolen yarn in Manisa for three generations and that they moved their factory from Demirci district to Salihli Organized Industrial Zone with an investment of 50 million liras last year to meet the demand in the foreign market.

Explaining that almost all of Turkey's woolen yarn exports are carried out by 3 companies, one in Usak and the other in Isparta, Kelem continued as follows:

"We established a factory here to increase our production capacity and to leave Demirci and be close to main roads and customs. Our area is 33 thousand acres, we closed 7 thousand square meters of it. There are 100 jobs currently. We will employ 100 more people in 1 year."

Noting that other companies are also increasing their capacity, Kelem said, "There is a great advantage in exporting in our sector. There is such a wide variety of markets in our sector... Let me give an example: If one country in our target markets decreases its wool carpet production, another increases it and we concentrate there. We use these advantages very well. We also think about what else can be done with added value." used the phrases.





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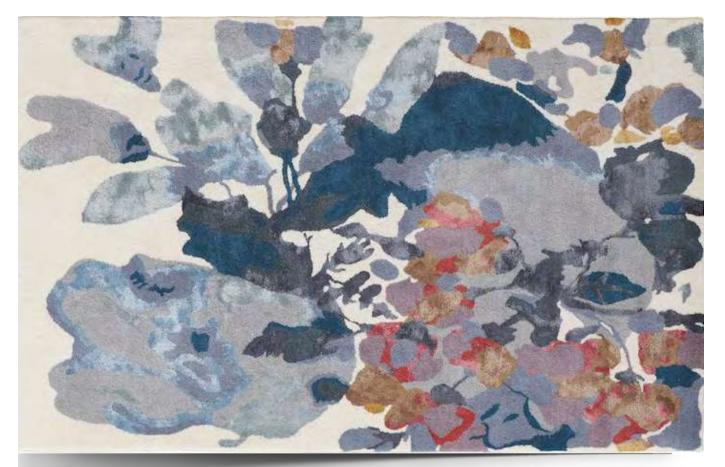
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**FEIZY** to Debut **Four New** Collections, **Line Extension** at Las Vegas **Showroom** 

Watercolor-inspired floral designs from Feizy's Dafney collections make their market debut. Shown, DFY-8869F

The Dallas-based rug manufacturer introduces four new collections in a range of constructions, and adds abstract designs to its popular hand-knotted Gia assortment at Las Vegas Market, Jan. 23-27, 2022.

four new collections at its Las Vegas showroom C-180, which is now open year-round. The new collections include Indio, Dafney, Ellyse and Harmon, in addition, Feizy will also be adding four pieces to its existing hand-knotted Gia range of abstract designs.

"After debuting 50 collections and 210 designs in 2021, I am proud of the work our product development team has done to hit it out

ward-winning fine rug manufacturer Feizy Rugs will roll out of the park again with our January market introductions. We have embraced our new go-to market strategy of only debuting new collections when they are in-stock or on the water to ensure our clients can get these items into their designs and stores as quickly as possible. This continued approach allows us to consistently be an industry leader of in-stock product," said Justin Yeck, vice president of sales, marketing, development & design.



Feizy introduces the textural Indio collection of blue toned abstract patterns. Shown, IND-39GXF



Feizy's new tufted Dafney collection, shown DFY-8867F, offers watercolor-inspired floral motifs.

#### **AINDIO COLLECTION**

The machine-made Indio collection woven with high grade shrink polyester and polypropylene fibers, features abstract patterns that include geometric lines and marble-like designs in blue tones.

#### **▲DAFNEY COLLECTION**

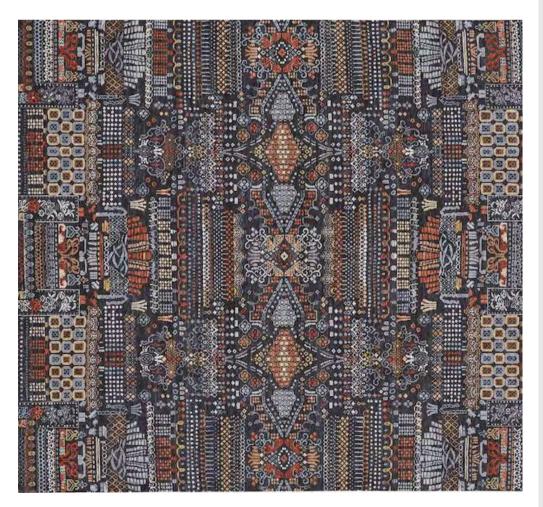
The contemporary floral patterns of Feizy's new Dafney collection offer watercolor-inspired designs in shades blues, pinks, greens and sandy browns. These rug are tufted of wool and viscose in India.



Feizy grows its successful Gia line of hand-knotted abstracts with new designs rolling out in Vegas. Shown,870-6946F

#### **▲GIA COLLECTION LINE EXTENSION**

Feizy is adding four new pieces to its Gia lineup of hand-knotted abstract designs. The latest styles offer vivid hues of gray and navy, and each piece is accented with notes of aubergine and citrine. These watercolor-inspired motifs add flow amongst grounded hues while the luminous viscose and wool pile casts a subtle sheen. The range, which debuted with six designs, adds four fresh looks for the upcoming Vegas event.



Tribal motifs get a contemporary spin in Feizy's hand-knotted Harmon range. Shown, HMN-6898F

#### **▲**HARMON COLLECTION

The new Harmon collection by Feizy is hand-knotted and features a range of updated tribal geometric motifs. These rugs are hand-knotted of wool in palettes including grays, blues and tan, accented with shades including rusts or gold.



Feizy introduces the cowhide Ellyse collection with speckled motif. Shown, ELL-RAIND-COP000

#### **▲ELLYSE COLLECTION**

Contemporary style meets rustic in the Ellyse collection of 100 percent genuine Argentine cowhide rugs with speckled patterns.

## Afghan carpet industry struggles amid ongoing economic crisis

Afghanistan Association of Carpet Producers said the export volume of carpets has dropped significantly in the past few months due to the closure of air corridors.

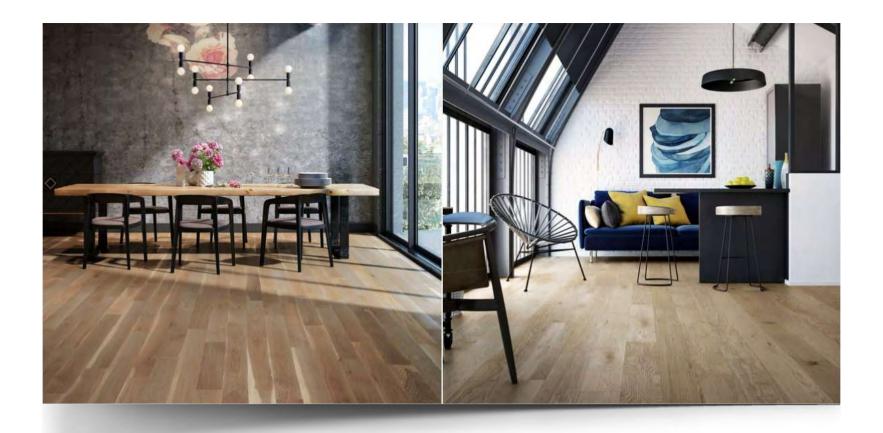
According to the association, Afghanistan produced 900,000 square meters of carpets in 2021 of which 95 percent were exported under Pakistan's name to international markets. Noor Ahmad Noori, the head of the association, stated: "The main complaint that producers are raising is regarding exports of their products."

Afghan economic experts also called for government support in the carpet industry.

"It is very important for the government to work on promoting [the carpet sector] and support them in order to create jobs and boost the economy of Afghanistan," said Sayeed Rahmad Omran, an economic expert.

The association meanwhile stated around 1.5 million people work in the carpet sector.





#### **Mercier Wood Flooring introduces**

#### new hardwood looks

Canada-based Mercier Wood Flooring launched new flooring designs to meet the expectations of designers and homeowners looking for modern yet authentic and durable prefinished wood flooring.

#### White ash

Known for its grain that is quite like much-loved white oak with shades ranging from creamy white to medium brown, white ash features very visible growth rings. Its pale, natural tones fit perfectly with the current trends while bringing warmth and authenticity to all decors. White ash, already available in the Origins collection (natural, without stain) and Elegancia has been added to the popular Naked and atmosphere collections.

Mercier's unique finishing process for the Naked collection gives white ash a European and decidedly modern look, according to the company, where this species' contrasting colors are softened for a more uniform appearance. Available on the solid—and now on the engineered—platform, in authentic and distinction grades, white ash Naked is available in widths ranging from 3¼-inch to 6½-inch. It is offered in Mercier Generations matte and matte-brushed finishes.

In the Atmosphere collection, the addition of Breeze, Gleam and Silk colors on white ash increases the existing offering. They are available on the solid and engineered platforms in authentic or distinction grade depending on the width, and with Mercier's Generations finish in matte and matte brushed.

#### **Red oak**

Mercier Wood FlooringRed Oak has always been one of the most popular species for wood floors. Although the wood itself remains unchanged, the unique coloring method developed by Mercier Wood Flooring produces a look that is different, according to the company. New colors Bliss and Halo, applied in transparency, advantageously softens the typical pink and red hues of this species. They are available in matte and matte-brushed finishes.

#### White oak

Mercier Wood FlooringNew colors Charm and Silk in the Atmosphere collection add even more options to this species known for its character marks, the creamy beige hues of its sapwood and brown accents of its heartwood. Wide boards in matte and matte-brushed finishes complete the look. White Oak is available on the solid and engineered platforms in authentic grade.

"Mercier is our preferred Canadian manufacturer," said Dean Howell, owner of Moda Floors and Interiors, in Atlanta, Ga. "Their vertical integration, premium construction and cutting-edge design allow us to personalize customer wood flooring to fit their specific needs. It is our pleasure representing Mercier in Greater Atlanta Georgia."



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#### A look at the products of Setare Talaee

#### **Delijan Company**

roduction of machine-made carpets has a history of about 40 years in Iran. In the early '70s, the first machine-made carpet was produced in Kashan by jacquard velvet weaving machines with shiny synthetic fibers and a relatively short pile. At the same time, several merchants imported carpets with the exact specifications from Belgium to the Iranian market and introduced machine-made rugs to Iranian society.

Observing the favorable reaction of the people to machine-made carpets inspired several industrials to establish new factories. Thus, several factories started operating in the country.

Meanwhile, Setare Talaee Delijan Company started manufacturing machine-made carpets in Delijan city in the '80s.

Since then, thanks to the knowledge-based management, this company has benefited from the most modern technology in the world, the technical knowledge of Iranian specialists, the unique Iranian designers, and the highest quality machine-made carpet un- gy rug called Flokati was made in ancient colors der the brand name "Patris Carpet".

The company has introduced more diverse products to the market with the development of technology and carpet weaving machines:

#### Classic rugs with the same fineness as hand-made

Over time, classic machine-made carpets' fineness, softness, and hand became known as features for competition between manufacturers. Therefore, the manufacturers planned their future vision on improving

these qualities.

Launching a spinning line of Setare Talaee Delijan Company made it possible to produce finer yarns. Thus, to meet the market needs and consumers' tastes, this company purchased new weaving machines for manufacturing the world's finest woven carpet. In other words, the goal of this company has been to respect the good taste of customers and compete more with the elegance of hand-made carpets.

#### Kilims with modern designs

Today, kilims are used as modern flooring for city houses. With the development of weaving machines and the high cost of acrylic for modern carpets, consumers tend to choose PP raw materials in kilims. The yarns used in weaving the company's carpets and kilims have anti-U.V standard and heat set, thus preventing allergies, stiffness under the feet, and short product life.

#### Shaggy Super Loop Fancy Carpets

Some believe that the first hand-made shag-

Greece from goat hair. It was also popular in royal families in Turkey and Central Asia. In shaggy carpet, which means tangled, it is possible to use different types of yarns, resulting in a fluff-like carpet.

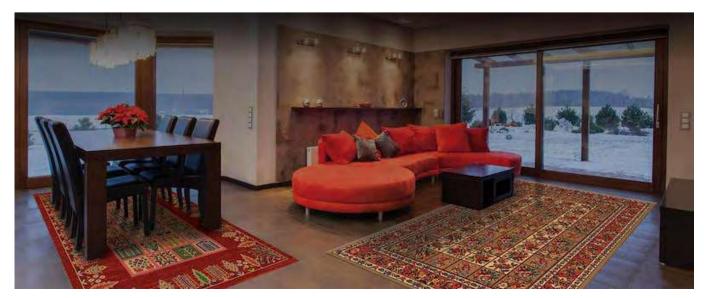
This company has introduced the finest 200-reeds shaggy super-loop carpet (as fine as hand-made shaggy rug) to the market. This innovation makes it possible to use a wider variety of yarns and colors according to various tastes.

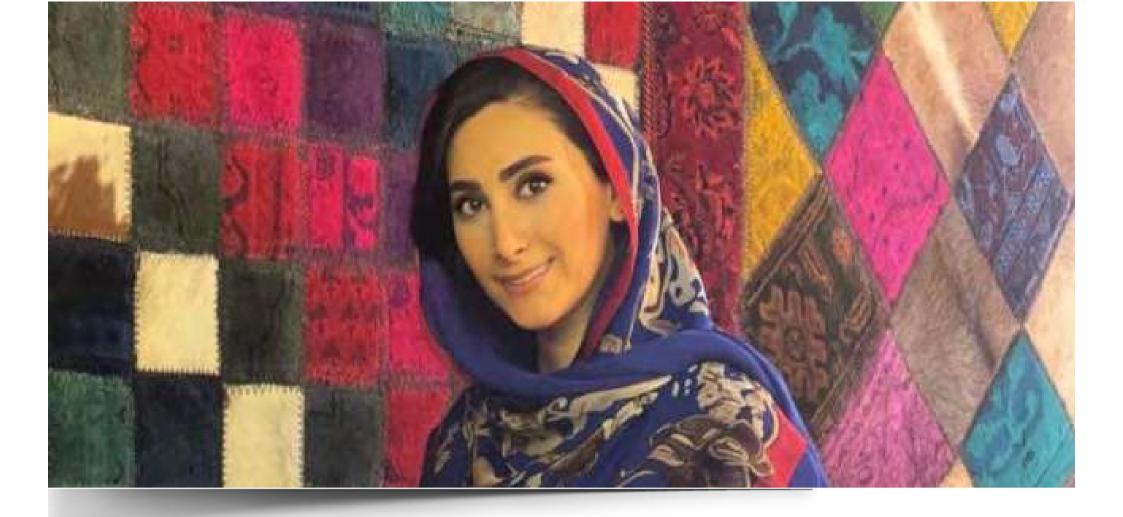
#### Setare Talaee Delijan Company has been active in the following areas:

- 1. Production of various polypropylene and polyester yarns
- 2. Spinning regular and heat set acrylic yarns in different fineness
- 3. Dyeing all kinds of fibers and yarns
- 4. Production and finishing of all types of classic, modern, and shaggy carpets

#### **Patris Carpet Collections**

- 1. Carpet: 1500 reeds, the finest carpet in the world, density 4500, 8 colors
- 2. Carpet: 1200 reeds, the world's finest woven carpet, the standard density of 3600 and 3750, 8 colors
- 3. HD Carpet: 1050 reeds, super fine hand-made look, density 3000, 8 colors, fluff and silk collection 4. HD Carpet: 1000 reeds, super fine hand-made
- look, density 3000, 10 colors 5. Carpet: hand-made look, 700 reeds, density
- 2550, 10 colors 6. Carpet: hand-made look, 700 reeds, density 2550, 8 colors, Naein fluff and silk collection
- 7. Carpet: hand-made look, 700 reeds, density 2550, 8 colors
- 8. Vintage carpet: 1200 and 700 reeds, embossed flowers (high bulk), 8 colors
- 9. Modern embossed carpet: 500 reeds, density 1500, 8 colors
- 10. Modern Frieze carpet: 500 reeds, density 1500, 8 colors
- 11. Metallic Kilim: 400 reeds, density 1500, 6 and 8 colors
- 12. Children's kilim: 400 reeds, density 1500, 6 and 8 colors
- 13. Kilim: 400 reeds, density 1100, 4 to 8 colors
- 14. Shaggy Super loop Carpet: 200 reeds, 4 to 8







Interview with Ms. Darya Sobhe-Collage Carpets Company

#### Collage Carpets are the Products of Creativity, Technology and Art

## lease give a brief description of your biography and scientific and practical background.

DARYA SOBHE, born in 1996, has a master of textile engineering and the third generation of handmade carpet production, selling, and exporting. Handmade carpets are our family business and we have been exporting carpets for about forty years. Carpets that are the products of Iranian creativity, technology, and art.

## When did you come up with the idea of producing collage carpets and how did you get into this field?

As the generation has changed, tastes have changed from traditional to modern and we take advantage of these changes and make the collage carpets. With a great variety, we **What** 



try to cover all tastes and collage carpets with different colors and designs to attract the attention of all generations.

## Collage carpets are great ways to recycle old rugs. How can your activity help to recycle carpets and protect the environment, the planet and produce green products?

In the past, used carpets were used for sewing and dosing donkeys saddles or similar situations, but today, these carpets are very valuable to us and collage carpets can be produced by them in different sizes and designs. It could be a good source of income from foreign countries that are very interested in Iranian carpets even during sanction.

#### What physical characteristics



#### should a good collage carpets have?

We have to make sure that the carpets are used in the collage carpets are not rotten and that the lint of the used carpets is the same in appearance.

#### How much of your products are exported?

Selling and exporting handmade carpets is our family business and we have been exporting carpets for about 40 years. Forty-piece carpets are mainly exported to Europe. And so far Germany has had the most purchases. We are also marketing in other markets; We have identified the American marketing through our branch in the United States.

#### How is your business during the Pandemic?

The situation of the handmade carpet has damaged a lot. During this period, like all other trades, Corona has had a very negative effect on our work and has put a lot of pressure on the trade-in all aspects. I hope the business conditions will be improved in the future.

#### Can you explain the procedure of the collage carpets?

Collage carpets are Inspired by the same Grandma's chelteke, . Useable pieces of used

carpets are cut and connected by a special technique with a variety of designs, layouts, and different sizes, and since the product is new, innovative, they are becoming popular in the world.

We are the only manufacturer of collage carpets because it has their own problems and complexities, and the cost of buying any industrial wheel for sewing is very high, and not everyone is willing to spend these costs.

#### Can the production of collage carpets affect the originality of Iranian handmade carpets?

No, our work and our products have nothing to do with the originality of the carpet, and usually, the original carpets come from the museum, not from the collage carpets. In collage carpets, we usually use coarse-textured and commercial carpets.

It is true that in the uniform painting of carpet pieces, the design and color of the carpet change, but this does not harm the nature of Iranian carpets because these carpets are recycled. In fact, these are discarded and recycled carpets that become a commodity used by the people and do not harm the structure of the Iranian carpet, but bring currency to the country.

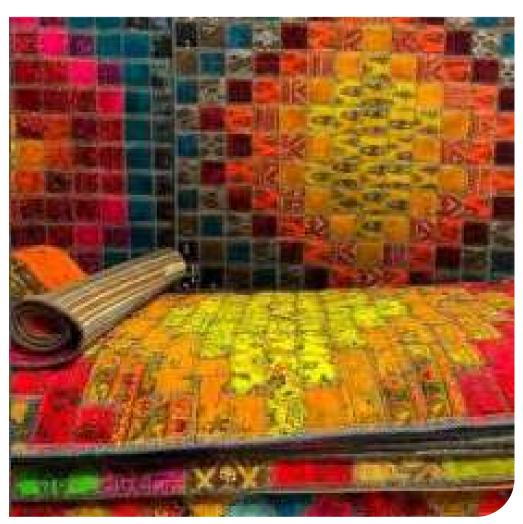
#### Are the dimensions of collage carpets limited?

No, all kinds of sizes and shapes such as circles, semicircles, ovals, and polygons can be produced and there are no restrictions.

#### At the end do you want to mention anything that could be helpful in this case?

In the time before the revolution, the carpet was considered a valuable commodity so that every family could mortgage their carpets to the Kargoshaei Banks and get a bank loan in case of financial need, but today everything has changed by new generations and their tastes.

For example, a young person who prefers ripped jeans to new jeans today uses the same taste to choose underwear. Therefore, collage carpets can be the best option, which is a combination of traditional carpets with a modern layout.





## Migration of the leading Iranian carpet designers to Turkey!

Abdullah Bahrami, CEO of the Union of Hand-made Carpet Cooperatives, said: "We have the greatest designers of hand-made carpets in Iran, but all of them are immigrating to Turkey because they are not supported in Iran."

He added: "Once, we were the largest exporter of wool and silk in the world. However, today we are importing it, and 500 tons of silk are imported annually." We have about 60 million sheep that, if processed, would upgrade domestic wool production and the textile industry. If we invest in the processing of domestic wool, we do not need to import carpet raw materials.

He also stated: We have the best designers of hand-made carpets in Iran, but they do not receive adequate support from the government. Consequently, the specialists and designers of this sector gradually move to a place where they value the carpet industry.

Bahrami also mentioned the Central Bank's Foreign Exchange Commitment. According to him, it had been repeatedly asked to exempt hand-made carpets from foreign exchange obligations. He declared that: "Unfortunately, this commitment is still being implemented as it was three years ago. There was no response to all our correspondences, but we are still pursuing the exemption of hand-made carpets from foreign exchange obligations.

In the end, he emphasized the importance of carpet weavers' support. He stated that: "The income from hand-made carpets is crucial for carpet weavers because it affects affording their living costs, their social security and job security."





#### **Iranian Handicrafts: South Khorasan Carpets**

outh Khorasan is famed for its exquisite rugs and carpets woven in various villages of the eastern Iranian province according to know-now inherited from generation to generation.

South Khorasan was a bustling hub for carpet weaning during the Timurid era (1370–1507). The Timurid dynasty also governed the city of Herat that was quite famous for its floral carpets.

The motifs and designs of Herat carpets gradually grew smaller and regular and turned into their design of today, which are still considered popular and interesting designs of South Khorasan carpets.

Some of the famous centers of carpets of this province are villages of Dorakhsh, Mood, Gask, Nowzad, Sarbisheh, Behelgard, Nowghab,

Dastgerd, and most of the villages of Ghaenat region and also the city of Birjand, according to Visit Iran.

With their two-hundred-years history, these carpets decorate Astan Quds Razavi institute, many museums, and carpets museums. According to the texts of the books written by the travelers that visited Iran "the designs of these carpets are mostly flowers and bushes that are also common in Kerman. Carpets merchandises export their goods to Istanbul, Egypt, and Vienna from Mashhad. The price of an excellent 11 in 14 meters carpets woven in the Ghayen style is about twenty pounds."

Amongst the carpet collection of Golestan Palace, is a beautiful and expensive piece of carpet that was woven about three hundred years ago in Ghayen. This carpet and similar products, which in terms of design, patterns, col-

ors, quality, and beauty are considered quite elegant, prove the fact that in the past carpet making was at its highest level in Ghayenat. Carpets that were woven between 1924 to 1928 in the workshops of Birjand were completely known and famous for their paisley motifs, background motifs, and delicacy and color palettes in European markets, especially in West Germany.

There is another carpet in the collection of Golestan Palace that is woven in 1849 in Birjand in which a poem has been weaved saying that "the carpet is woven by the servant of the ruler of Ghahestan to cover the Golestan room". The design of this piece is paisley that was considered popular in this region.

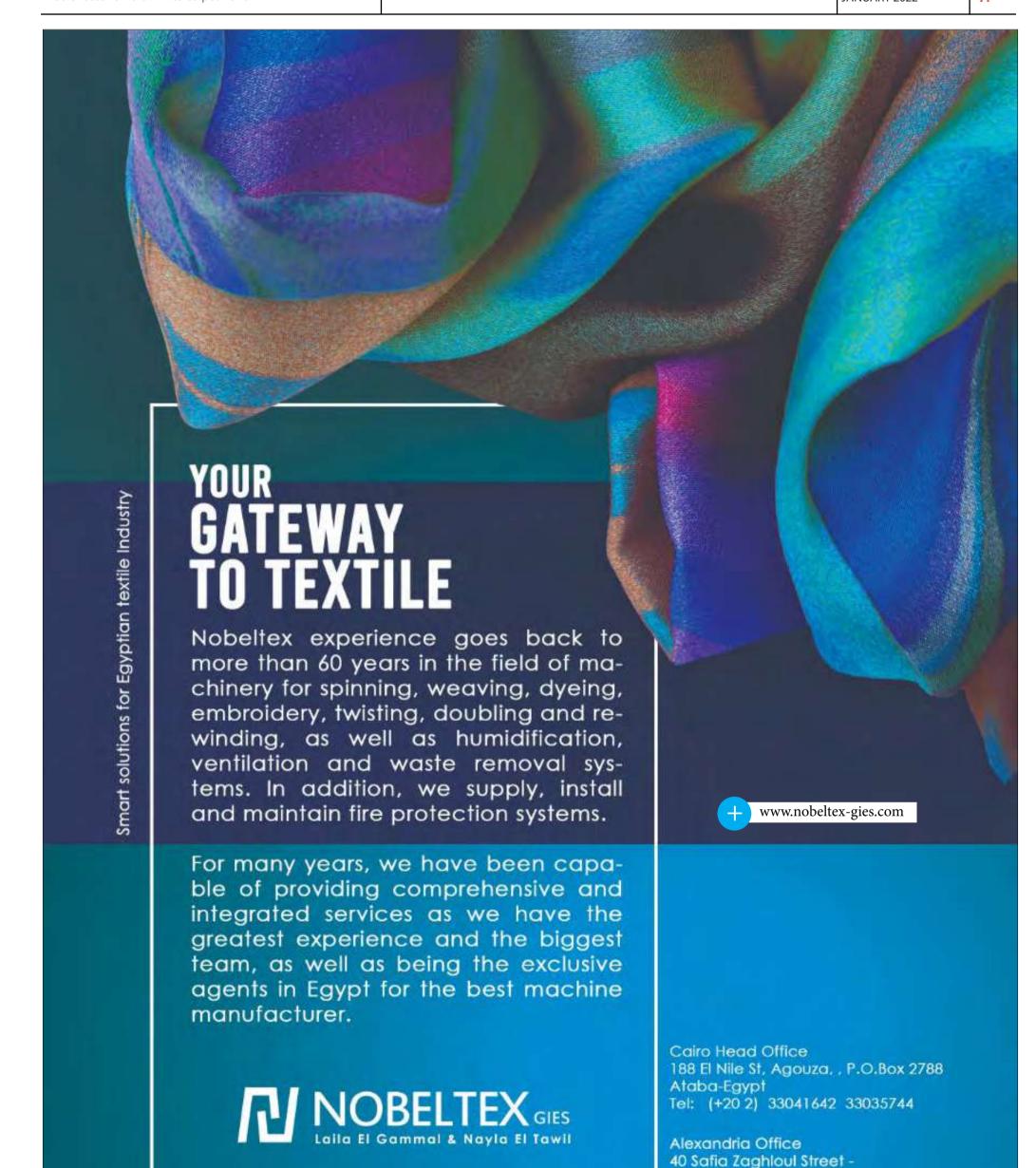
The most common motifs of South Khorasan carpets are: "Rizeh Mahi", Paisley, "Robee Sa'di", "Kaleh Asbi" or horse head, "Kheshti" or four seasons, and "Moharamat".

"Rizeh Mahi" or small fishes, also known as "Mahi" or "Mahi e Dar Ham" in other cities. Their difference is that a diamond accompanies the flowers in the Khorasan carpets. "Robee Sa'di" that is one of the original motifs of this province and is known for its delicate paisleys.

In all of these designs, the motif of the sun represents itself in different forms which is a characteristic we find only in the carpets of South Khorasan.

Iran's hand-woven carpets are sought after internationally for their delicate designs and good quality. A medallion pattern is arguably the most characteristic feature of all types of Persian rugs. Among Persian carpets, particularly those of the classic period, the medallion may represent an open lotus blossom with several petals.





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#### **Arad Carpet ; A Unique Mix of Art and Knowledge**



Interview with Mr. Saber - Managing Director of Arad Carpet Company

## readers about the history of Arad Carpet Company's founding and the story of its growth and success.

Arad Carpet Company was founded as a result of the Saber family's extensive experience in the textile and machine carpet industries. My grand father began his career making pure silk for export and sale. When the textile business became more mechanized, my father created a company to produce machine-made carpets, and he continued to create 500 reed carpets with a density of 1000 Point Per Sqm.

Mr. Reza Saber constructed another company for the manufacturing of 700 reeds carpets with a density of 2550 Point Per Sqm with the passage of time and the advancement of carpet weaving equipment around the world. By purchasing up-to-date machine-weaving equipment in 2016, we developed and launched a more modern company named Arad Carpet Company. We began to make 1500 reeds carpets with a density of 4500.

## What kind of products does Arad Carpet Company produce? Density, reeds, and design are all factors to consider.

Arad Carpet Company's goods are 1500 reeds carpets with a density of 4500, made with the best low-lint acrylic carpet yarn in two styles: classic and vintage.

Carpets with diverse forms and designs, such as Afshan, Tabriz, Isfahan, and Kheshti, are manufactured in the classic style and are all exclusive to Arad Carpet. They are produced in eight colors and have a very calm and beautiful coloring. Carpets in the vintage style are manufactured with high contrast colors and light and harmonious colors.

#### Describe Arad Carpets' most recent products and new collections.

The new collection of vintage and classic carpets, which features unique designs and sub-

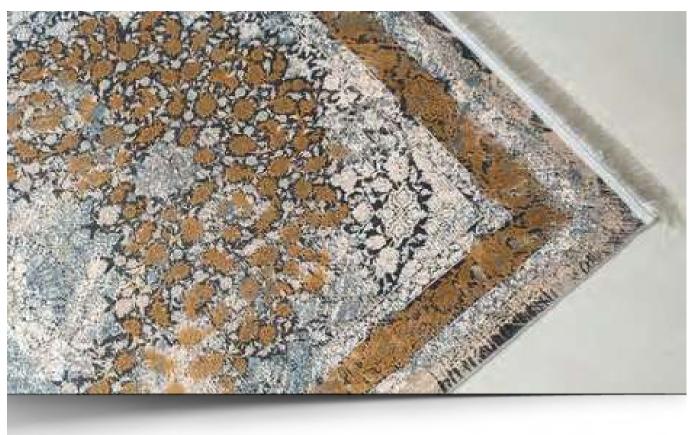
tle color variations, is the most recent series of items manufactured by Arad, and it was showcased at the 2021 International Carpet Exhibition.

## The Arad Company carpets are distinguished by their beautiful design and detailed coloring. What is the significance of carpet design?

We pay close attention to the appearance of our carpets since that is what our consumers demand. Aside from the yarn, texture, and substance of the carpet, the visual quality is



19



critical, meaning that the carpet we give and utilize does not irritate the consumer's eyes or mind. We sought to instill a sense of tranquility in our customers by using the proper color palette.

## Do you think it's important to buy original designs? What percentage of your designs are unique and original, and what percentage are copies of current market designs?

Because there are many designs in the carpet market that most factories manufacture and sell in many colors, and their samples are everywhere, I believe in the originality of the carpet design, which means that I believe in the uniqueness of the carpet design. We tried to show our products uniquely and especially to the market so that we could feel the distinction between our carpets and the carpets on the market.

## 5- What is your opinion of the carpet design situation in the machine-made carpet industry?

Every day, the field of carpet design advances, but there is still much more work to be done. We don't have many designers who generate original designs because of the large number of producers, and most of them, in my view, duplicate other people's work. The number of innovative designers is rather low.

## Do you specialize in the export of machine-made carpets? What strategies do you have in place to boost your exports?

We have had a substantial performance in the field of export due to the young age of Arad Carpet Company, and we are still producing a distinctive collection that is similar to the taste of our export target market.

#### How do you see the machine-made carpet industry in Iran in the future?

Despite all quantitative and qualitative issues, the machine-made carpet industry has made tremendous progress in recent years. If properly planned and promoted, it can significantly increase the country's non-oil exports. Iran produces over 140 million square meters of carpets per year, with about 90,000 square meters consumed domestically and the rest sold to China, Iraq, Afghanistan, Canada, Russia, and European countries.

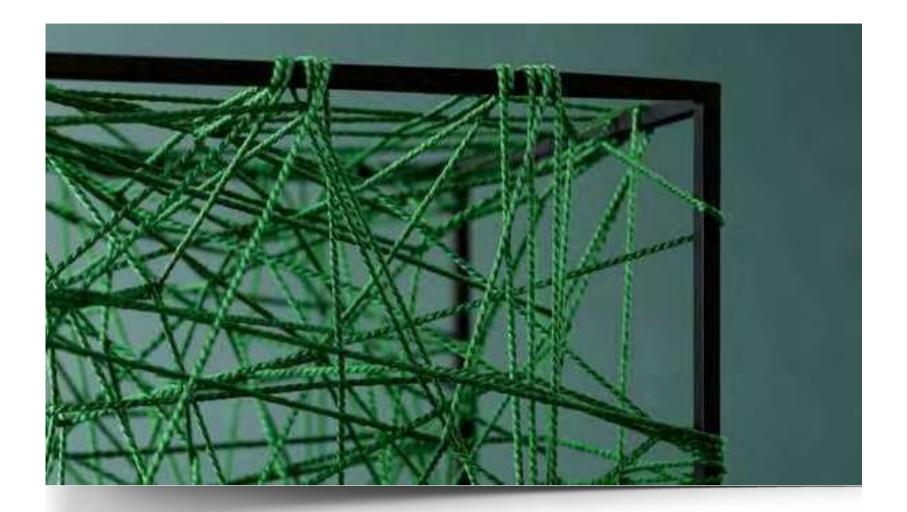
#### Do you offer your products for sale on

#### the internet? Describe the distribution and sales network for Arad Carpet in further detail.

The answer is no; we have not started our operations in the field of internet sales; instead, we are doing virtual exhibitions on social media platforms. In addition to having physical sites throughout the country, our next goal is to begin selling our products online in the near future. In addition, we provide advisory and sales support throughout the Middle East and North Africa.

The most important key to our progress has been quality in all stages of product production, including yarn type, texture quality, designs, and color scheme. I am very confident about our company, and we can compete in this industry with other competitors around the world in the future. That brought the interview with Mr. Saber to a close, and we hope you found it to be informative and that you acquired the information you were looking for about the future of this thriving business, and specifically about Arad Carpet Company, which is one of the leading advocates in this field. They have a lot of brand new products with very attractive designs.





## Why Should Architects and Interior Designers Use Cradle to Cradle Certified® Building Materials?

Ith Cradle to Cradle Certified® you know that somebody cared enough to go to the highest quality standard," William explains. "I think architects, designers and specifiers should use Cradle to Cradle Certified® materials in their projects, because then they can say – at the very least – that these materials and products are to the best of our ability meeting the Cradle to Cradle Certified® standard, that's about constant improvement, constant innovation and adapting to the future. When you use Cradle to Cradle Certified® building materials, you're both at the frontline of trying to do the best there is and at the same time you're humble," he says.

"When we originally designed the Cradle to Cradle Certified® standard, we decided that it wasn't just about healthy materials. It was also the whole concept of the circular economy and the idea of a product as a service, which comes from Cradle to Cradle and is now being used by anyone in circular economy, because it's such an important idea.

Cradle to Cradle Certified® products can be used again and again across generations. That's smart thinking and good economics. So, if you want to change colour in the interior – and the materials are Cradle to Cradle Certified® – it's okay. Do you destroy the planet for doing that? No, because the materials are designed for reuse. We're not consuming Cradle to Cradle Certified® materials. We're using them, and after use they're reused," he continues.

#### Don't get fixated on the overall score

"Furthermore, having the five criteria in Cradle to Cradle gives you a choice," William McDonough says. "You can look at the criteria that excites you the most or all of them. But remember that the overall certification level is the lowest score of the five criteria. You can have

With Cradle to Cradle Certified® you know that somebody cared enough to go to the highest quality standard.



Platinum in some criteria and Bronze in others.

I don't think people should be to strangely fixated on what the level is when comparing things. I think anybody who gets into the Cradle to Cradle Certified® Products Program and actually gets certified are on the right track and should be celebrated. If the product is at overall Bronze level, the notion is that it's not going to be at Bronze level forever. That's why you should choose Bronze certified products too, because you're helping the manufacturer to improve – and then we're all improving together."

#### William McDonough's top 3 recommendations

"Architects, interior designers and specifiers have fundamental things that need to be addressed.

We always have to look for performance, cost and aesthetics. What we're adding to that is: Could it be ecologically intelligent? Could it be safe and healthy for humans and the environment? Could it be something that's inspiring the world we use and the materials? What if we could turn natural sources into resources? That's the outcome of circular economy", the Cradle to Cradle author says with a smile.

#### "My top 3 recommendations for architects, interior designers and specifiers are:

Do your work. Make beautiful things that we can afford and that work very well Go to the next level of quality where things are ecologically intelligent and safe and healthy for humans and eco systems Use the power of nature itself to drive your inspirations. Don't waste peoples' food. Use solar income and celebrate diversity" With these recommendations, we thank William for sharing his thoughts and insights on Cradle to Cradle Design®.

#### **Cradle to Cradle resume**

Cradle to Cradle Certified® is your guarantee that the materials used are manufactured with sustainability in mind and a sustainable future as the overall target. The level of the certificate is not that important, since the notion of working together to improve the way we do things are the real purpose. If we design our buildings and world in a way that stops exploiting natural sources and instead focus on using the natures' non-harmful resources over and over again, we're looking at a better tomorrow. That's our aim at Ege Carpets. I hope it's your aim too.





#### **Armstrong Flooring to Participate in The New** American Home and Show Village at IBS 2022

rmstrong Flooring announces its participation in the International Builders Show (IBS) 2022, organized by the National Association of Home Builders (NAHB). IBS 2022 runs February 8-10 in Orlando, Florida at the Orange County Convention Cen-

Armstrong Flooring is the exclusive flooring sponsor of Show Village, and its products are featured prominently throughout the official show home of IBS and the NAHB—The New American Home 2022.

"We're excited to be taking part in both the Show Village and The New American Home," said Tom Cole vice president of residential sale at Armstrong Flooring. "With the return to an in-person event this year, attendees will engage with our products first-hand as they walk through these homes—allowing them to experience the flooring's ease of installation, innovative durability and remarkable design."

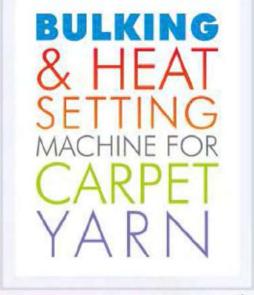
#### Real-World Product Experiences

Empower Rigid Core Flooring—which is engineered using Reinforced Mineral Core (RMC) and resilient layers that enhance durability—is used throughout the Show Village homes. This unique outdoor exhibit area gives attendees opportunities to participate in interactive programming and tour demonstrations—enabling them to observe how various products perform in real-world scenarios and receive important best-practice tips on installation.

Visitors to The New American Home (TNAH), the official show home of IBS 2022, will be immersed in the industry's best practices, latest construction techniques, innovative products, and thought-provoking design. Highlighting outstanding advancements in home building and sustainability, TNAH features flooring products—such as Armstrong's Empower and Alterna—which are focused on reducing project timelines and material waste through ease of installation, while increasing occupant comfort through noise reduction, cleanability and durability. Visitors will experience Empower for themselves throughout the home's main floor, as well as on the rear stairs. Alterna, a resilient alternative to ceramic, provides pet-friendly, dirt and stain repellant flooring in the home's dog wash area.

TNAH shuttle buses will be available to IBS 2022 attendees on a first-come first-serve basis. Tickets are required and may be picked up at TNAH booth, Feb. 8-10, 7:30am-3pm.

To learn more about Empower, Alterna and other versatile and durable flooring products, visit Armstrong Flooring at IBS 2022, Booth P14, or visit ArmstrongFlooring PRO.



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#### **Oerlikon Neumag** Receives The Largest Staple Fiber Plant Order In the Company's History

Oerlikon has announced that it has concluded the largest staple fiber plant order in the history of Oerlikon Neumag with the major Chinese group Xinfengming. This involves eight complete staple fiber lines with a total of 320 spinning positions for the production of synthetic staple fibers.

fiber plant order to date. The eight two-step lines will produce cotton-type staple fibers in a titer range of 1.0 – 1.4 denier. With this investment, the Xinfengming Group is expanding its product portfolio. As one of the world's leading FDY and POY polyester filament yarn producers, the Chinese company has relied on Oerlikon Barmag technologies for decades and now also on those of Oerlikon Neumag.

Oerlikon will not only supply the technology, but will also take over the engineering of the lines. Delivery is scheduled for 2022.

#### **Oerlikon Polymer Processing Solutions Division**

With its Oerlikon Barmag, Oerlikon Neumag, Oerlikon Nonwoven and Oerlikon HRSflow brands, the Oerlikon Polymer Processing Solutions Division is focusing on manmade fibers plant engineering and flow control equipment solutions.

Oerlikon is one of the leading providers of manmade fiber filament spinning systems, texturing machines, BCF systems, staple fiber systems and solutions for the production of nonwovens and – as a service provider – offers engineering solutions for the entire textile value added chain. The primary markets for the product portfolio of Oerlikon Neumag and Oerlikon Nonwoven – in the USA, Asia, Turkey and Europe.



■ Shen Jianyu, Chief Executive
Officer of Xinfengming Group Co.
together with Oerlikon Manmade
Fibers Solutions Sales Director
Felix Chau and Sales Manager
Wang Xiaoxin at the signing of the
contract for eight new staple fiber
lines from Oerlikon Neumag.







#### Persian handicrafts: Namad-mali in Semnan



he craft of Namad-mali (literally meaning felt beating) has long been practiced in villages of Semnan province to produce Namad (a traditional carpet) out of woolen fabrics by rolling and pressing them.

The method of making felts are almost similar in different areas of Iran, but they sometimes vary in color, pattern, and thickness.

Felts are known to be the oldest floor covering that was made by mankind. There is a famous story told by the felt makers of Semnan, narrating that Soleiman the prophet had a son who was a shepherd.

According to Visit Iran, he wanted to make a textile from the wool of his sheep. He tried so hard only to fail. In despair and anger, he beat the wool by fist while he wept over them. His tears poured on the wool and intertwined them together. And that is how the first felt was made.

Felt is a kind of textile that is made without the use of a loom. It is not knitted but is created based on two basics. First, moisture and second applying pressure. In the process of making felts, the water is poured over layers of used materials while they are being compressed, causing the fibers to hook together into a single piece of fabric.

The most commonly used material of felts is sheep wool that is sheared in springtime. It has long fibers and comes in different colors. A piece of felt can be made in one day of work which is a reason why this product is not very expensive.

However, it is a very exhausting process. To create a felt, the maker first lays pieces of colored wool on Karbas, a kind of fabric that is also used for painting canvases, according to the final design.

Then layers of combed wool are arranged on top. The Karbas is rolled together, holding layers of wool. The felt maker begins rubbing and pressing the roll while applying hot water repeatedly and step by step.

Felts are mainly floor coverings. But they are also used to make other tools, such as Korsi (a low table with a heater underneath it in Iran) cover, horse cover, kitchen utensils, dolls, and clothes. Patterns and designs of felts are commonly created by abstract motifs inspired by nature. Some examples are Chahar Goosh-e Khorshidi, a symbol of the Sun, paisley, or diamonds.

The history of Semnan dates back to ancient Iran when the city was part of the Median Empire. At the time of the Achaemenid Empire of Persia, Semnan was a magnificent city. After the attack of Alexander, Semnan became famous as Koomesh.

The great era of the prosperity of this city began after the advent of the Parthian Empire. Due to its location, which was on the traffic center of the north, south, east, and west, Semnan had always been the subject of a struggle for power in the Sassanid period. In the Sassanid and post-Islamic periods, the city was the basis of central governments in the area.

# World Textile Technology Leaders Are Waiting for the ITM 2022 to Meet with the Industry Partners

The ITM 2022 Exhibition, where international leading companies in textile machinery and technologies will introduce and launch their state-of-the-art technologies, will once again be the most important address where Big Ideas turn into technology and meet with their respectable global investors.

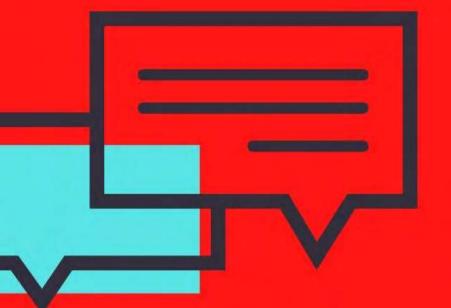
Textile technology manufacturers, who have been preparing to meet with textile investors for 2 years, are waiting impatiently for the ITM 2022 Exhibition to showcase the latest technologies and products they have developed. More than 1200 companies, being the most important textile machinery and accessories manufacturers of the world and Turkey, approved their participation at the ITM Exhibition, which will be held on 120,000 m2 area in Istanbul Tuyap Exhibition and Congress Center between June 14 and 18, 2022.

#### Continuing participation requests draw attention

Applications for participation in ITM 2022 continue at full steam. The participating companies, which are waiting for ITM 2022 to introduce their latest models and products that they have developed in the last 2 years, desire to enlarge their stand areas. In addition, textile machinery manufacturers from many countries of the world continue to apply to take part in the exhibition.

The ITM Organization Team stated that since ITM 2022 will be the first and largest textile machinery exhibition to be held worldwide after a long hiatus, there has been a large number of applications and they are working on opening an additional hall in order to meet the demands.





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