

Yo²

CARPET TILES

TECHNICAL SPECIFICATIONS



Cutting edge technology paired with unparalleled emblematic design. YO2 Carpet Tiles are manufactured for heavy commercial use at the only European factory fully integrated - starting with yarn production, air entangling, twisting, tufting, weaving, dyeing, backing, digital printing on flat woven carpet, making YO2 Carpet Tiles with laser cutting. Our catalogues include more than 200 pages of beautiful designs aiming to provide endless options to our clients.

Some key facts about YO2 Carpet Tiles:

- Minimum or no waste in comparison to broadloom carpets.
- Extremely easy installation that saves time and costs but also enables possible nearby facilities to keep work during installation.
- YO2 Carpet Tiles are recommended also for walls a fact that adds a completely new dimension to commercial spaces i.e. hotels rooms.
- There is not specific rapport for our designs so the tiles are placed randomly. Great advantage that saves time and costs.
- A single tile can be easily replaced so work continues and lots of expenses are saved. Smart and practical.
- Very easy to maintain; washable up to 40 °C with water or vacuum cleaner.
- Total thickness of 4,90 mm allows installation at existing spaces easily giving the place a new dimension and feel.
- During installation pieces of possible cut tiles can be used to fill room edges which means less volume required and minimum waste.
- Due to the ergonomic packaging in our boxes transportation costs are reduced and YO2 Carpet Tiles are easily stored.
- YO2 distinctive designs and product effect changes the perception of a space immediately and give the extra feeling of the product and its design.
- Laser cut for highest precision.

Noise reduction is becoming an important issue in interior design in both office buildings and in the hospitality sector. It is all about creating rooms and areas not only for the eyes, but for the ears as well. A serious approach to acoustics is of great importance for creating a comfortable environment for work, meetings, entertainment and relaxation. It is a proven fact that poor acoustics leads to workplace dissatisfaction and has a direct impact on employee performance and physical well-being. Noise can cause both stress and frustration in office buildings and institutions - and when it comes to hospitality and entertainment, unwanted noise will have a negative effect on the overall experience. Carpeting is one of the main tools to minimize unwanted noise and YO2 Carpet Tiles will help you create rooms and spaces with a pleasant acoustics for working and experience.

Sustainability is key to all our product development decisions. One particular environmental problem that applies to Carpet Tiles generally is the backing, which traditionally contained PVC or bitumen. Thanks to new production technology, the backing of all our carpet tiles is guaranteed free of these and other harmful chemical substances.

- Cradle-to-cradle and CO2 reduction
- Backing made of minimum 60 % recycled materials
- Eco-friendly – cradle to cradle- suitable for thermal disposal
- Ecological product free of bitumen, PVC and other environmentally-critical substances
- Produced using CO2 neutral energy (steam)
- Odour-neutral
- Permanently antistatic
- GUI approved “allergy-friendly”

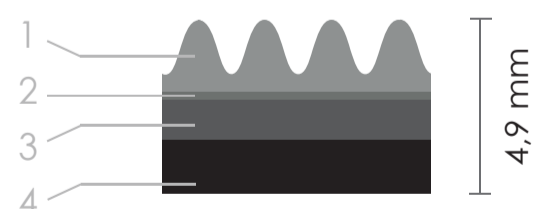
YO2 Carpet Tiles are being created to cover both the commercial and residential sectors leaving their unconventional stigma of design philosophy. YO2 Carpet Tiles are recommended for hotels, casinos, airports, office buildings, schools and heavy traffic public areas.

Identification	Standard	Product Data
Type of manufacture	ISO 2424	Woven
Structure	ISO 2424	Loop pile
Pile material	ISO 2424	100% PET Anvire FR®
Dye method		Print
Treatment		-
Primary backing	ISO 2424	PET
Secondary backing	ISO 2424	TEXfiles®
Dimensions	ISO 3018	By order
Pattern report		
Effective pile thickness	ISO 1766	Ca. 2,20 mm
Total thickness	ISO 1765	Ca. 4,90 mm
Total pile mass	ISO 2424	Ca. 655 g/m ²
Total mass	ISO 8543	Ca. 2.300 g/m ²
Number of tufts	ISO 1763	Ca. 156.000 /m ²
Stroll test	ISO 6356	< 2 KV
Vertical resistance	ISO 10965	-
Horizontal resistance	ISO 10965	-
Classification	ISO 1307	33 Commercial - heavy
Luxury rating class	EN 1307	LC1
Dimensional stability	EN 986	≤ 0,2 %
Impact sound reduction	ISO 10140	ΔL _w ca. 20dB
Sound absorption	EN ISO 354	Ca. 0,20 α _w
Noise reduction	EN ISO 354	-
Thermal Conductivity	ISO 8302	Ca. 0,10 m ² K/W
Flammability	EN 13501-1	B _{fl} - s1
ABZ - Nr.		Z-156.601-1498
IACG - Nr.		IACG-37-13-05



Composition

1. High quality brand name Pet Anvire FR®
2. Latex precoat
3. Eva heavy-duty polyolefin layer
4. Highly compacted, dimensionally stable PET fleece fabric



YO2 Tiles are to be installed in full accordance with our installation instructions and recognised trade standards. An effective, regular cleaning and maintenance programme is vital for retaining a high appearance level. Note: YO2 reserves the right to amend this specification without giving prior notice. For the latest version of the technical specifications, check our internet site: www.yoyo-designs.com

Installation Instructions for YOYO Carpet Tiles

Important Notices

These Installation Instructions cover most installation procedures. If you run across a situation that isn't addressed in this document or requires more detailed assistance please contact YO2.

All carpet tiles should be carefully inspected for damage or defects prior to installation. YO2 will not be responsible for any cost associated with replacement or repair as a result of damage or defective tiles being installed when said damage or defects were identifiable prior to installation.

If you encounter any conditions or defects during installation that could jeopardize the installation or affect the installation procedure, you STOP the installation immediately and call YO2 +357 22 210020.

The carpet tiles are warranted in accordance with YO2 Standard Product Warranty.

EXCEPT AS EXPRESSLY PROVIDED IN THE STANDARD PRODUCT WARRANTY, YO2 MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS OF ITS PRODUCTS FOR ANY PARTICULAR PURPOSES, AND HEREBY DISCLAIMS THE SAME.

Without limiting the foregoing, YO2 will not be responsible for staining, soiling, contamination, tears, burns cuts, pulls or other damage, deterioration or loss caused by abuse, misuse, improper installation, improper maintenance or failure to protect carpet tiles during building construction. YO2 shall not be responsible for any damage or loss resulting from failure to strictly follow any part of these Installation Instruction and such failure shall void any and all portions of the Standard Product Warranty that are affected by such failure.

WARNING: IN THE EVENT THAT ANY ASBESTOS-CONTAINING MATERIALS OR OTHER HAZARDOUS MATERIALS ARE ENCOUNTERED DURING INSTALLATION, SHOULD STOP THE INSTALLATION IMMEDIATELY AND OBTAIN ASSISTANCE FROM A QUALIFIED REMEDIATION CONSULTANT OR CONTRACTOR PRIOR TO PROCEEDING

Preliminary notes

The standard size of our Carpet Tiles is 500 x 500 mm

They are delivered in individual cartons, each having 20 tiles that are packed on pallets

IMPORTANT: Each carton has details regarding the quality, colour as well as batch number

DO NOT MIX BATCH NO. IN THE SAME ROOM.

WITHIN EACH BATCH NO. THE TILES MUST BE INSTALLED IN PALLET SEQUENCE STARTING WITH THE LOWERS NO.

When delivering more than one consignment, the packing units should be stored according to the batches in order to avoid subsequent confusion with respect to the individual batches.

The tiles to be fitted should be acclimatized in the respective rooms for 24 hours before they are fitted. The temperature should not be below 16°C and the relative humidity should not exceed 65%.

Subfloor to be tiled

The subfloor must correspond to the requirements of DIN 18365 (floor covering work) as well as of DIN 18202 (evenness tolerances). They must be clean, dry, firmly secured as well as free of release agents and cracks to enable perfect fitting. Evenness tolerances of the subfloor must also be considered.

When fitting for the first time on a cement floor, the joints, holes as well as height differences in the floor must be filled with firm spackle. The entire subfloor should then be levelled (smoothened) with self-levelling, low-tension spackle.

When laying on anhydrite or calcium sulphate floor for the first time, the subfloor must be always smoothed, brush-finished, vacuumed and primed.

In case of unevenness, levelling is also necessary. If there are any raised floor alignments in the subfloor ensure that the height in the connection sections is uniform.

Ensure that the height of the raised floor plates is uniform when laying on raised floor systems. Major height offsets of the individual raised floor plates with respect to each other will become apparent in the top layer during the course of use. In such a case notify the customer in writing before starting the laying process.

All the old residues on the subfloor must be removed when renovating. The subfloor must always be levelled (smoothened) in such a case. Raised floor plates must be peeled when renovating and re-aligned after refitting if necessary. Separating layers, fragments of paint as well as dust must be removed before starting the laying process.

Laying

INSPECT YO2 TILES TO BE SURE THEY MEET THE ORDER SPECIFICATIONS. IF THE WRONG PRODUCT OR COLOR IS INSTALLED, YO2 WILL NOT BE RESPONSIBLE FOR CORRECTING THE PROBLEM. INSTALLATION OF CARPET TILES SHOULD BE THE LAST ITEM ON THE CONSTRUCTION SCHEDULE. CAREFULLY CONSIDER THE RISKS IF YOU ARE ASKED TO INSTALL CARPET DAMAGE CAUSED BY OTHER TRADES MAY VOID THE PRODUCT WARRANTY.

NOTE: YO2 ASSUMES NO LIABILITY FOR ISSUES RELATED TO OR RESULTING FROM INSTALLATION OUT OF SPECIFICATION, INCLUDING, BUT NOT LIMITED TO RECOMMENDED INSTALLATION METHOD.

Installation

When laying on raised floor subfloor, the tiles are aligned in a form identical to the raised floor plates (generally 60 x 60 cm) as per the exist- ing raised floor pattern. The centre axes of tiles are aligned on the joints of the raised floor plates. Thus, a tile generally rests on each of the four raised floor plates.

When using a 50 x 50 cm tile on raised floors, a partially congruent fitting with the raised floor plate cannot be avoided. When applying the tackifier, ensure that it does not run between the raised floor plates.

This can complicate the process of removing the raised floor plates in future and can also result in creaking noises in the raised floor. The tiles must be fitted only after the tackifier has dried completely, otherwise it can lead to complicated removal of the tiles in case of frequent use, e.g. chair castor area.

It is recommended that a relevant template is made for special building forms, e.g. semi-circular walls, etc.

Conductive laying

The simplest form of this laying type differs only in the tackifier to be used.

Tackifier can normally be used for TEXtiles from all well-known manufactures. YO2 recommends to use a high-quality Tackifier ,ie. UZIN U 2100 or similar. Use a minimum of 150 g/m² (undiluted).

For laying types with increased demands on the conductivity, e.g. for computer rooms or OP halls, copper strips are additionally placed and earthed at defined distances on the slip brake. Please contact your adhesive supplier for detailed information.

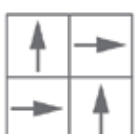
Concluding notes

Only the tiles belonging to the same batch are laid on connected surfaces as per the laying direction recommendation. A laying plan should be prepared for larger areas with more than one batch. This plan should specify the areas on which the relevant batches are to be fitted. The number of tiles which must be kept aside from the respective batches should be clarified with the builder to be able to carry out repairs in future. These quantities must be taken into account when preparing the laying plan.

When laying tiles with geometric designs, it must be clarified in advance whether a specific arrangement of the tiles is necessary. This design may be formed using the fitted tiles if a large pattern is required. Preparing on accurate laying plan is always recommended.

The preceding specifications, especially the suggestions for handling and using our products, are based on our knowledge and experiences. We always recommend you to perform your own tests on account of the different materials and the working conditions beyond our sphere of influence in order to ensure suitability of our products for intended uses. A liability cannot be substantiated either from these notes, or from a verbal consultation, unless we are responsible for willful intent or gross negligence.

Installation



Standard tiles: recommended-quarter turn

We reserve the right to make changes within the scope of technical advancement without prior notice.