



Strong tiles for heavy loads

STONEWARE

mvtec...
dekortec...

CERAMIC CLINKER

TILES WITH "MADE IN GERMANY" QUALITY



FOR THE FOOD AND BEVERAGE INDUSTRY

STONEWARE mvtec®

The special advantages of mvtec® for use in wet areas in the beverage and food industry, where high standards of hygiene are an absolute must, stem from the extra-fine grinding of the raw materials used, as well as the high compression press used to create the initial tile blanks.

The selection of raw materials, the use of a special drying process, the particle size of the spray granules and continuous quality control all contribute to ensuring the top, market-leading position of Argelith stoneware tiles in the sectors of industry concerned.

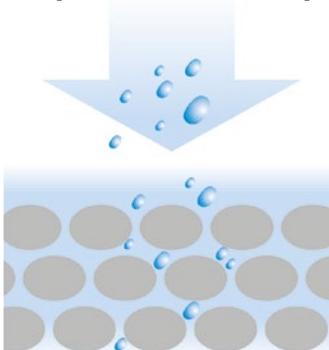


Easy to clean in the long term, with the physical strength and resistance to heat and chemicals needed to ensure reliability over 30 years in the presence of working machinery.

The defined surface profile of the tiles in our R9-R13 range also offers a high degree of slip protection for employees in the food sector.

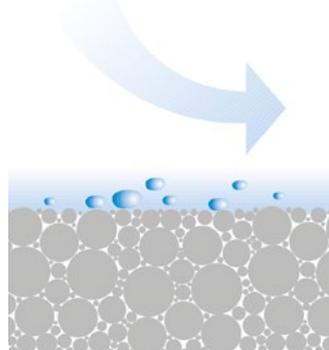
As a member of the EHDG industry association, we help to ensure that heavy-duty floors of this type will continue to meet future requirements.

Comparative water absorption



Traditional stoneware tiling

The presence of cavities increases the level of water absorption.



mvtec® stoneware tiles

Extreme density prevents the ingress of water and moisture. This, in turn, ensures high resistance to staining.

The advantages of tiles:

- ✓ Maximum physical strength
- ✓ Resistance to chemicals
- ✓ Temperature resistant to 100°C +
- ✓ Can be steam-cleaned
- ✓ Permanent resistance to staining
- ✓ Easy to clean
- ✓ Long-term resistance to abrasion
- ✓ R9 to R13 in non-slip design

DRIVE-ON SURFACES

Hexagonal tiles offer optimum protection for the entire floor area: the movement of rolling loads takes place at an acute angle relative to the tile edge, thereby minimising the impact effect of (for example) heavy loads rolling on hard steel wheeled pallet jacks.

All movements on a hexagon-tiled floor are smooth and gentle on its surface, and therefore less likely to cause damage. The familiar “wheel rattle” associated with movements on tiled floors is now a thing of the past!



TILES TOO SMALL?

You will hear that hexagonal tiles that are just 10 cm², roughly the size of a fist, are too small and will lead to an excessive amount of grout joints.

While the total length of the grout joints is indeed longer on these small tiles, because the tiles are dimensionally very true, the width of the grout line for our tiles is roughly 20 μm compared to 12 μm of 24 x 11,5 cm on other manufacturers larger format tiles. This means that the floor with hex tiles will have just over half as much exposed grout as that of the same floor with large format tiles.

The technical advantages of such smaller tiles likewise cannot be denied, as their hexagonal shape allows them to adapt to slopes and even funnel-shaped surfaces. This means that



WET AREAS

The dimensional accuracy of hexagonal tiles offers the tile setter the advantage of being able to minimize the size of the grout joints. The self spacing hexagonal tiles allow the use of an automated grouting process which results in the grout being nearly flush with the tile surface.

This allows any water/chemicals on the floor to flow to the floor drains unimpeded. This means that water/chemicals won't „pond“ in the grout joint and thereby makes the grout better equipped to withstand these chemicals.

The hexagonal format allows the tile to follow the slope to the drain much easier without any tile edges sticking up and eliminates the need to cut tiles to match the slope.

floor drains and gutters can be tiled without protruding surfaces and without having to cut the tiles concerned. The physical load-bearing capacity of the resulting floor is also many times more than it would be with alternative surfaces. Large-format tiles such as those measuring 30 x 30 cm are not normally recommendable for areas where pallet jacks or forklift trucks operate, or where items of heavy machinery are installed. In fact, the risk of hollows forming, and the associated dangers of uneven floor surfaces, increase with tile-size.

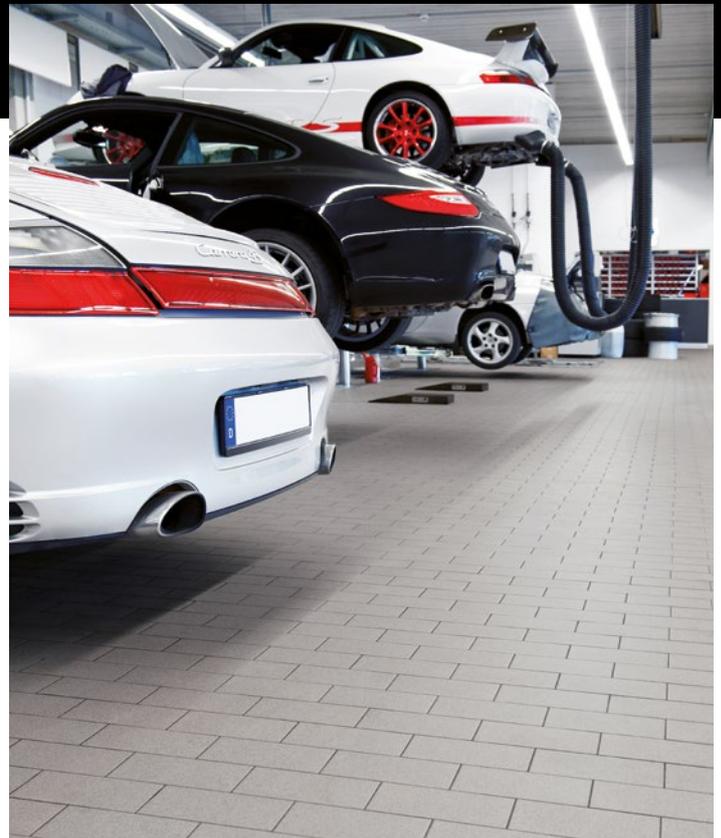
Thanks to its long service life, the hexagonal format is being used more and more in production areas where hygiene is also an important consideration.

VEHICLE WORKSHOPS

With oil, grease and all manner of corrosive substances to contend with, workshop floors put up with a lot of rough treatment. They also need to withstand the load of heavy vehicles and the impact of dropped tools. An extra-strong, hard-wearing, easy-to-clean ceramic tile is recommendable in such cases.

Argelith produces tiles designed to meet these specific needs – and has been doing so for decades. All the leading car manufacturers incorporate Argelith into their plans, and have made our products part of their building specifications.

Argelith offers just the right format and required level of slip-prevention — for workshops, operational areas, washrooms, sales facilities and showrooms alike. The benefits for you include having everything you need under one roof.



BRICK RED – A CLASSIC WHEN IT COMES TO CARS

Car models come and go.

But Argelith solid clinker tiles are an automotive classic. They provide drive-on surfaces for virtually every renowned brand of car. The workshop is often equipped with special ceramic tiles supplied by Argelith. This is thanks to the fact that the sector has long relied on the resistance to oil, acids and alkaline substances that Argelith provides; in addition to the astounding load- and impact-resistance of Argelith special ceramic tiles. Tiles with a thickness of 20 mm and up can handle the movements of even the heaviest trucks and lorries without suffering damage.

Our tile thicknesses go right up to 30 mm for special loads. Production using tunnel kilns results in clinker tiles of exceptional hardness. It is for this reason that you will find Argelith tiled floors that have been withstanding the toughest workshop and industrial conditions for several decades.

FROM WORKSHOP TO SHOWROOM!

Argelith mvtec® stoneware is equally at home with the tough conditions of the workshop and the prestige-generating ambience of the showroom. The automotive sector appreciates our floors for their hard-wearing durability and their ease of cleaning.

These tough conditions in the workshop area tend to favour the use of tiles in smaller formats (e.g. 10x20 or 20x20 cm), while the design requirements of the showroom are best met with their larger counterparts (40x20 or 40x40 cm).



TOUGHNESS IS OUR BIG STRENGTH!

Floors are constantly under pressure. This is especially true of workshop floors, which demand total durability. This includes protection against breakage, abrasion wear, moisture penetration and dirt.

SAFETY FIRST!

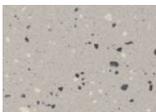
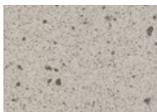
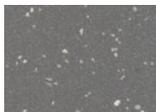
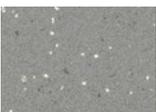
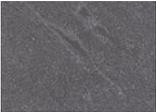
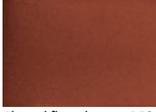
The safety of your employees is a top priority. Suppliers of flooring materials need to meet the different slip-prevention requirements of workshops, washing facilities and showrooms.

Kerasig®, our thoroughly tried-and-tested safety-strip tile, has long been a favourite means of marking the edges of inspection pits and other danger areas.

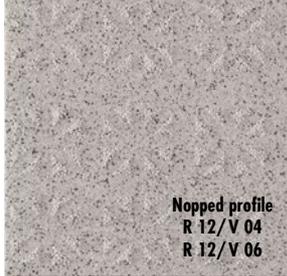
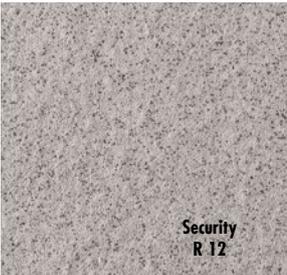
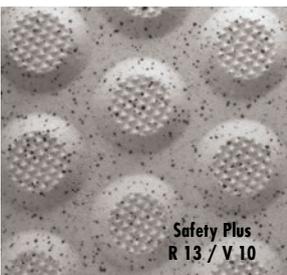
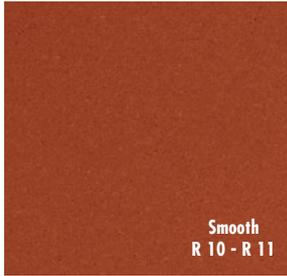
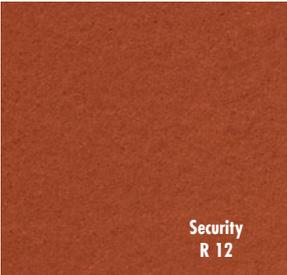
Our products give your employees firm ground to stand on.

PRODUCT OVERVIEW

COLOURS and COLOUR CODES

FINE GRAINED				
	Light grey 200	Dark grey 210	Titanium grey 220	Anthracite 230
				
	Beige 300	Arkona white 310	Sand yellow 400	Cream yellow 410
COARSE GRAINED				
	Cora 600	Katerina 602	Dehner 606	Alisa 607
				
	Katja 608	Gitta 610	Tina 611	Tessa 613
				
	Miha 614	Atlanta 250	Grey porphyry 251	
DEKOR TEC				
	Galaxyit 730	Sandstorm 751		
WOOD DESIGN				
	Larch 722	Oak Wood 726	Walnut 727	
CLINKER TILES				
	Brick red 110	Blue-red flamed 150		

SURFACES

	
Smooth R 9/R 10/R 11	Nopped profile R 12/V 04 R 12/V 06
	
Security R 12	Star profile R 13/V 08
	
Safety Plus R 13 / V 10	Smooth R 10 - R 11
	
Security R 12	Nopped profile R 12/V 06

ACCESSORY TILES: STONEWARE and CLINKER TILES ACCESSORIES





**WE HAVE BEEN RELYING
ON ARGELITH PRODUCTS FOR YEARS**

Heineken

Coca Cola

FrieslandCampina

Mercedes-Benz

Audi

Porsche

Unilever

Nestlé

SABMiller



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