



Technical Data Sheet

UNIFIX®-2K/6

Art.-No. 2 04253

Highly flexible thin-bed adhesive, grey

Properties:

- Conforms to DIN EN 12004, C2 TE S2
- For interior and exterior use
- Easy application
- High initial bond
- Good sag resistance
- Very high flexibility
- Fulfils the required criteria for a "flexible adhesive"

Areas of application:

UNIFIX-2K/6 is used as a thin-bed adhesive for adhering vitrified and earthenware tiles, ceramic with low water absorption $\leq 0.5\%$ (fully vitrified), clinker, mosaic and natural stone that is neither translucent nor sensitive to discolouration.

UNIFIX-2K/6 is suitable for securely adhering tiles to all substrates in acc. with DIN 18157, part 1, e. g. concrete, porous concrete, plaster, cement based and calcium sulphate screeds/ heated screeds, brickwork, plasterboard etc. as well as to existing, well bonded tiled finishes.

Furthermore it is suitable as an adhesive for lightweight construction board e. g. of composed of extruded polystyrene and for adhering tiles of SCHOMBURG waterproofing systems, also in swimming pools.

Technical Data:

	UNIFIX	UNIFLEX-B
Basis:	sand/cement	liquid plastic
Colour:	grey	white
Mixing ratio:	6 parts by weight	1 part by weight
Packaging:	25 kg bag	4.17 kg bucket
Storage:	dry, 12 months In original unopened packaging UNIFIX-2K/6 (combination product)	frostfree, 24 months
Mixing time:	approx. 3 minutes (drilling machine 300rpm)	
Application-/ Substrate temp.:	+5 °C to +25 °C	

Pot life *):	approx. 2 hours
Open time *):	approx. 30 minutes
Grout after *):	at the earliest 2 days, depending on the absorption of substrate
Traffic after *):	after at the earliest 2 days, depending on the absorption of substrate
Cleaning:	clean immediately after use with water
Testing:	- DIN EN 12004 - Guideline for flexible adhesives by the German Construction Industry and the Association of the German Tile Industry
Consumption:	approx. 2.40 kg/m ² with a 6 mm notched trowel approx. 3.10 kg/m ² with a 8 mm notched trowel approx. 4.00 kg/m ² with a 10 mm notched trowel

* The values relate to +20 °C and 65 % relative humidity.

Surface preparation:

The substrate must be dry, load-bearing, sufficiently flat and free from continuous cracks and separating substances such as oil, paint, laitance and loose particles. It must have a largely closed surface with a surface condition and strength appropriate to its type. When laying tiles the substrate preparation and application must follow DIN 18157, part 1. Prime porous substrates with ASO-Unigrund. Mechanically abrade anhydrite screeds followed by vacuuming and as with all calcium sulphate bound substrates thoroughly prime with ASO-Unigrund diluted 1:3 with water. Heated screeds must be heated up prior to laying finishes in accordance with recognised technological regulations.

The CM-moisture content may not exceed

- Cement screeds $\leq 2.0\%$
- Anhydrite screeds without underfloor heating $\leq 0.5\%$
- Anhydrite screeds with underfloor heating $\leq 0.3\%$

UNIFIX®-2K/6

Product preparation:

Add 4.2 kg of UNIFLEX-B and 4.2 l water in a clean mixing bucket and mix.

Add one bag of UNIFIX (25 kg) while stirring (with a slowly revolving drilling machine) and mix until a knotfree mass develops.

Remix again after a maturing time of 3 minutes. Do not mix more adhesive than can be used within the pot life. Spread the mixed adhesive on the substrate and comb through with a suitable notched trowel dependent on tile format. Lay finishing materials within the adhesive open time.

Important advice:

- With the application of ASOFLEX-AKB for tile laying we recommend ASODUR-EK98.
- When laying natural or synthetic stone please observe the properties specific to the finishing material (tendency to discolour, risk of curling etc.) and the manufacturer's application recommendations. In case of doubt, carry out a trial area.
- In order to avoid curling effects due to water absorption we recommend the use of ASODUR-EK98 with agglomerate/synthetic stone.
- Prior to installation of calcium sulphate based substrates and heated constructions observe the current ZDB information sheets distributed by the Fachverband des deutschen Fliesengewerbes.
- In order to avoid ettringite formation with calcium sulphate based UNIFIX-AEK is suited for fixing on to these substrates with up to residual moisture content of 1 % on heated construction or 1.5 % on unheated constructions.
- When laying tiles in heavy duty exterior areas (balconies and terraces) install the highly elastic bonded waterproofing system AQUAFIN-2K/M and UNIFLIX-2K.
- UNIFIX-2K/6 is a hydraulically setting adhesive and should be protected from the influences of water and frost until fully cured which may take a few days under unfavourable weather conditions.

- Protect areas not to be treated from the effects of UNIFIX-2K/6.
- Avoid contact with eyes and skin.

Please observe current valid EU safety data sheet. Low chromate level according to TRGS 613.

GISCODE: ZP 1