



Multiplan

Floor levelling compound for interior and exterior use

Colour	Availability
	Quantity per pallet 42
	Size / Quantity 25 kg
	Type of container PE bag
	Container code 25
	Art. no.
grey	2830 ■

Application rate

Approx. 1.7 kg/m²/mm layer thickness (min. layer thickness 2 mm)

Apply to a large enough trial area to determine the precise amount required.



Range of use

- Mineral substrates
- Levelling layer under coatings
- Levelling layer under floor coverings



Property profile

- Fast curing
- Low-stress and crack-free setting
- Coatable

Characteristic data of the product



Flow spread	Approx. 150 mm (DIN EN 12706)
Layer thickness	Single layer: 2 - 15 mm Broken-out areas: up to 30 mm
Bulk density	1.4 kg/l powder
Ready to be covered	Ceramic coverings after 24 hours Diffusion-open, coloured sealant after 2 days Diffusion-tight coverings after approx. 3 days (depending on the coating thickness)
Compressive strength (28 d)	Approx. 25 N/mm ²
Flexural tensile strength (28 days)	Approx. 6 N/mm ²
Hardened mortar bulk density	Approx. 1.95 kg/dm ³
Adhesive pull strength	> 1.5 N/mm ²

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- [Test certificate 11/6695/01 Grinding wheel wear test acc. to DIN 52108, Kiwa MPA Bautest](#)

Possible system products

- [ZM HF \[basic\] \(0220\)](#)
- [Primer Hydro F \(2842\)](#)
- [Epoxy ST 100 \(1160\)](#)

Preparation

■ **Substrate requirements**

Clean, dust-free and capable of supporting a load.

Prepare the substrate by suitable means, e.g. steel ball jetting or diamond grinding, so that it meets the requirements specified above.

The tensile strength of the surface of the substrate must be at least 1.5 N/mm² on average (smallest individual value of at least 1.0 N/mm²), and the compressive strength must be at least 25 N/mm².

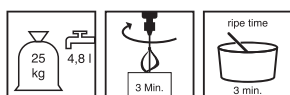
Suitable Remmers primers must be used. Where elevated mechanic stresses are anticipated, we recommend applying an Epoxy primer to the surface then broadcasting Quartz 07/12 over it.

■ **Substrate preparation**

Expansion joints, movement joints and edge joints must be retained. Apply strips of insulation material to rising components to prevent the compound from flowing into the connection joints.

Prime using epoxy resin and blind with Quartz 07/12.

Production of the mixture



■ **Mixing**

Water quantity required: 4.8 l water on 25 kg product*

Pour water into a clean container and add dry mortar.

Mix thoroughly for approximately 3 minutes until the proper consistency for working has been achieved.

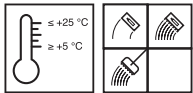
Leave to mature for approx. 3 minutes

Then use a suitable stirrer to slowly and briefly mix the compound.



* Natural fillers lead to slight deviations in the amount of water required. The optimum water quantity depends on the building site conditions and the layer thickness.

Directions



■ Conditions for use

Temperature of the material, air and substrate: from min. +5 °C to max. +25 °C.
Low temperatures increase, while high temperatures decrease the working and setting time.

■ Working time (+20 °C)

Approx. 20 minutes

After mixing, pour the material continuously onto the surface to avoid seams and distribute.

The quality of the surface can be improved by working it over with a spiked roller.

Tips on use

Once it has hardened, mortar must not be made workable again by adding either water or more wet mortar.

Protect wet mortar surfaces against frost, rain and drying out too quickly for at least 4 days.

Apply only in single layers.

Natural aggregates cause slight differences in water demand.

Notes

The mixing water must be of drinking water quality.

Always set up a trial area/trial areas first.

Low chromate content in accordance with Directive 2003/53/EC.

The characteristic data of the product were calculated under laboratory conditions at 20°C and 65% relative humidity.

May contain traces of pyrite (iron sulphide).

Only use ZM HF ^[basic] as a primer.

Tools / Cleaning

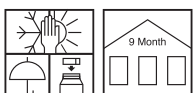


Mixing apparatus, transport/pouring bucket, scraper, spiked roller

Clean tools with water while the material is still fresh.

Any material that has already begun to dry can only be removed mechanically.

Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for 9 months.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.



Declaration of conformity



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CE 09 / UKCA 21

GBI P12-3

EN 13813: 2002

2830

Cementitious screed for use internally in buildings

EN 13813: CT – C25 – F6 - A22

Reaction to fire:	E
Release of corrosive substances:	CT
Compressive strength:	C25
Flexural strength:	F6
Wear resistance:	A22
Chemical resistance:	NPD

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.