



PANDOMO® TerrazzoMicro White

White, tintable Microterrazzo binder

- With optimised, improved processing characteristics
- Self-levelling, for coating thicknesses of 10 to 20 mm
- Processing time approx. 30 minutes
- Low shrinkage
- Can be walked on after 4 hours, and is grindable after 48 hours
- Quickly load-bearing
- Non-flammable



Application area:

For indoor use. For making cement-based, quickly usable, designable floor coverings with the ARDURAPID® effect

Type:

White powder made from special cements and selected fillers. Mixing with water and the specified decorative grain produces a smooth, self-levelling mortar, which can be processed for approx. 30 minutes and walked on after approx. 4 hours.

Substrate preparation:

The cement or cement screed substrate (CT-C30-F5 strengths in accordance with the relevant DIN standards and requirements) must be dry, firm and free of dust. The substrate must be shot-peened or sand-blasted to remove impurities, release agents, loose upper zones and binding agent concentrations.

In order to ensure that there is sufficient adhesion to the substrate, the substrate must be sanded with PANDOMO® EP NEU and PANDOMO HG or ARDEX QS.

The specification in the PANDOMO® EP NEU technical data sheet must be followed.



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ARDEX
panDOMO
TerrazzoMicro White
Cement screed binder

For making cement screeds in accordance with DIN EN 13813 and DIN 18560 (strength class CT-C40-F7-A12).

Fire behaviour: A₁

All of the specified technical parameters are laboratory values after 28 days and relate to a water/binder value of 0.21 and quartz sand with a grain size of 0.25-2 mm in a mixing ratio of 1:1. Deviating additives affect the required quantity of water and the abrasion, compression and bending strength.

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Manufacturer with certified
QM/UM system in accordance with
DIN EN ISO 9001/14001

PANDOMO® TerrazzoMicro White

White, tintable Microterrazzo binder

Processing:

25 kg of decorative grain and 25 kg of PANDOMO® TerrazzoMicro White binder and approx. 5-6 l of water are required for mixing. More of less water may be required depending on the moisture and the type of stone.

Decorative grain is first added to the mixer until the bottom is covered. Then the PANDOMO® TerrazzoMicro White binder is added to the mixer.

After adding the binder, the mixer is started and the required quantity of water is added immediately without a time delay.

After mixing for approx. 3 minutes, a smooth, flowing mortar is produced. PANDOMO® TerrazzoMicro White should be applied with an even coating thickness using a roller or a spiked trowel, and the use of a spiked roller is required.

Alternatively, powerful stirrers can also be used.

The following decorative grains can be used:

Decorative grain made from hard stone and marble up to 3 mm.

The additives influence the wear of the surface.

The minimum coating thickness of PANDOMO® Terrazzo Micro White is 10 mm.

Load-bearing after 1 day.

Do not use screed additives such as mixing oils etc. Do not mix with other cements.

The processing time of PANDOMO® TerrazzoMicro White is approx. 30 minutes.

Higher temperatures reduce the processing time. Low temperatures slow down the hardening process. Do not use at temperatures of less than +5 °C.

Use on underfloor heating:

When PANDOMO® TerrazzoMicro White binder is used on warm water underfloor heating, the delay until laying can be significantly shorter.

3 days after laying PANDOMO® BG, sub-screed (see TDB) heating with a supply temperature of approx. +25 °C starts. This is maintained for 3 days. Then the maximum supply temperature is set and maintained for another four days. Draughts must be avoided.

When PANDOMO® floors are being laid on underfloor heating, ensure that the supply temperature does not exceed approx. +40°C and the core temperature of the load-distributing structure and the surface temperature does not exceed approx. +28°C. The above-mentioned values must also not be exceeded during functional heating, heating up (in accordance with the protocol) and during the heating periods.

Follow-up treatment:

PANDOMO® TerrazzoMicro White can be walked on after approximately 4 hours and is grindable after 48 hours.

At least 3-disk grinding machines must be used for grinding the floor.

Note: Do not lay any film during drying.

Grinding:

Carry out 2 - 3 dry sanding passes with metal-bonded diamond tools. Then apply PANDOMO® TerrazzoHardener with a wiping weed. After a drying time of 8 hours, dry grind the surface with plastic-bonded diamond tools. To fill the pores, apply PANDOMO® TerrazzoFiller in the correct mixing ratio with sanding dust (see PANDOMO® TerrazzoFiller data sheet). In case of doubt, test areas should be prepared. Furthermore, the site-specific recommendations of ARDEX PANDOMO® must be observed.

Please note:

PANDOMO® TerrazzoMicro White must not be used for outdoor areas or in permanently wet areas.

PANDOMO® TerrazzoMicro White can be tinted using suitable powder pigments approved by ARDEX.

The information in the technical data sheets and the safety data sheet must be observed.

Only product recommendations from ARDEX GmbH may be used for cleaning, impregnation and maintenance.

Technical data in accordance with the ARDEX quality standard (binder):

Mixing ratio:	approx. 5-6 l of mixing water: 25 kg of binder: 25 kg of decorative grain (The water requirement can vary slightly depending on the grain that is used)	
Bulk weight of binder:	approx. 1.3 kg/l	
Fresh weight of mortar:	approx. 2.3 kg/l	
Material requirements:	approx. 10 kg of powder per m ² of area and cm of coating thickness with a mixing ratio of 1:1	
Processing time (+20°C):	approx. 30 min.	
Walkable (+20°C):	After approx. 4 hrs.	
Pressure resistance:	after 1 day	approx. 20 N/mm ²
	after 7 days	approx. 30 N/mm ²
	after 28 days	approx. 40 N/mm ²
Bending tensile strength:	after 1 day	approx. 4 N/mm ²
	after 7 days	approx. 5 N/mm ²
	after 28 days	approx. 7 N/mm ²
Fire behaviour (DIN EN 13501-1):	Fire class A ₁	
Suitable for castors:	yes	
Wear resistance in accordance with Böhme:	12	
Suitability for warm-water underfloor heating:	yes	
EMICODE:	EC1 ^{PLUS} very low emissions	
Packaging:	Bags containing 25 kg net	
Marking in accordance with GHS/CLP:	GHS05 "caustic" Signal word: Danger	
Marking in accordance with GGVSEB/ADR:	none	
Storage:	Can be stored in dry rooms for approx. 9 months in the original sealed packaging	