



FOR GOOD REASONS

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pan**DOMO**<sup>®</sup> MW

**TerrazzoMicro Bindersystem, white**

pan**DOMO**<sup>®</sup> MB

**TerrazzoMicro Bindersystem, black**

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To produce a fast track, bonded,  
decorative floor covering

Binder available in white and black

Walkable after 8 hours

Very rapid hardening; can be ground after 24 hours

For application from 11 mm thick bonded

For interior use

With excellent application properties

Self smoothing  
Working time 30 minutes  
Very rapid hardening  
Low shrinkage  
Rapidly trafficable

Non flammable



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Manufacturer  
with certified quality system  
as per DIN EN ISO 9001

ARDEX GmbH  
58430 Witten · P.O. Box 61 20  
GERMANY  
Phone: +49 (0) 23 02/664-0  
Fax: +49 (0) 23 02/664-437  
kundendienst@ardex.de  
www.ardex.de



### Areas of application:

Internal

Used for creating a fast track, bonded, rapid hardening, decorative flooring with a fine Terrazzo finish.

Designed to be ground to give the final appearance.

### Description:

White or black powder with special cements and selected fillers. When mixed with water and a fine graded aggregate, the result is a workable, self-smoothing mortar which can be worked for approx. 30 minutes and can be walked on after 8 hours.

### Substrate preparation:

The substrate – concrete, sand cement screed (grades in accordance with the DIN norms and requirements) has to be dry and free of dust. Remove residues, barrier materials and loose particles and contamination using suitable mechanical equipment such as contained shot blasting.

In order to ensure perfect adhesion on the subfloor, the subfloor is to be set up using PANDOMO® PR or ARDEX EP 2000, including ARDEX QS quartz sand depending on the nature of the ground. PANDOMO® PR or ARDEX EP 2000 are to be worked in accordance with the manufacturer's instructions.

### Application:

Use 25 kg (or the respective multiple) of fine-grained decor, and PANDOMO® MW and/or MB TerrazzoMicro binder matrix and approx. 4.5 - 5.4 l of water to prepare the mixture. The amount of water to be used may vary depending on the humidity level and/or stone type.

First of all, put fine-grained decor in to the mixer at rest not yet running to an amount as to just cover the mixer bottom. Then fill PANDOMO® MW and/or MB TerrazzoMicro binder matrix into the mixer. After having added the binder, start the mixer and add the required amount of water without delay in time.

After an approximate mixing time of 1.5 minutes, allow the mixture to mature for 1 minute. After expiration of this period, continue to mix for approx. another 1.5 minutes to form a lump-free, liquid mortar.

The following fine graded aggregate can be used: 1–3 mm

The minimum application thickness of PANDOMO® TerrazzoMicro Bindersystem should be 11 mm.

Load bearing properties are achieved after one day.

Do not add any cement or screed additives, etc to the mix.

The working time of PANDOMO® TerrazzoMicro Bindersystem is approx. 30 minutes.

Higher temperatures accelerate hardening; lower temperatures retard the rate of strength development.

Do not work the above materials at temperatures below + 10°C.

### Application on underfloor heating:

If PANDOMO® TerrazzoMicro is used on a piped, water-based floor heating system, the curing time can be shortened.

3 days after installation of the PANDOMO® BG Terrazzo sub-screed the preheating should start at a temperature of approx. +25 °C. The temperature of +25 °C should be maintained for 3 days. Then the maximum temperature should be maintained for 4 days. Draughts should be avoided during the curing and conditioning processes.

If PANDOMO® flooring systems are used on a piped, water-based floor heating system the maximum intake temperature should not be above +40°C and the core temperature of the load bearing construction as well as the surface temperature should not be above +28°C. The before mentioned values should also be observed in the initial heating and during the heating periods.

### Subsequent treatment:

The PANDOMO® TerrazzoMicro can be walked on after 8 hours and can be ground after one day.

To grind the floor, 3 head grinding machines are recommended.

### Important:

PANDOMO® TerrazzoMicro Bindersystem cannot be used in permanently wet areas and in exterior locations.

PANDOMO® TerrazzoMicro Bindersystem may be coloured with ARDEX approved powder pigments. To fill any surface pores PANDOMO® MW (white) or MB (black) can be used respectively.

After the filling of the pores please cover the floor for approx. 16 hours with a plastic foil.

For cleaning, sealing and maintenance, only ARDEX approved systems should be used.

For further working instructions for PANDOMO® TerrazzoMicro in case of composite structures, on separating or insulating layers, refer to the PANDOMO® Code of practise for TerrazzoPlus and TerrazzoMicro (available on demand).

**Note:**

Contains cement. Alkaline when mixed with water, so protect skin and eyes. In case of eye contact consult a doctor for advice.

Consult the relevant ARDEX Product Safety Data Sheet for detailed advice.

Physiologically and ecologically safe when in a hardened state.

Giscode ZP 1 = product contains cement, low chromate content.

**Technical data****According to ARDEX quality standards:**

<b>Mixing ratio:</b>	25 kg PANDOMO® MW/MB TerrazzoMicro Bindersystem and 25 kg Fine grade aggregate to be mixed with 4.5 - 5.4 l water, the water demand can vary slightly depending on the grading
<b>Bulk density:</b>	approx. 1.2 kg/l
<b>Fresh mortar weight:</b>	approx. 2.2 kg/l
<b>Material requirement:</b>	approx. 10 kg per m <sup>2</sup> and cm depth
<b>Working time:</b>	approx. 30 min
<b>Walkability:</b>	approx. 8 h
<b>Dryingtime:</b>	approx. 24 hours, if necessary to prevent floor from drying too fast cover the floor with a plastic foil
<b>Compressive strength:</b>	after 1 day approx. 30 N/mm <sup>2</sup> after 7 days approx. 40 N/mm <sup>2</sup> after 28 days approx. 45 N/mm <sup>2</sup>
<b>Tensile bending strength:</b>	after 1 day approx. 4.0 N/mm <sup>2</sup> after 7 days approx. 4.5 N/mm <sup>2</sup> after 28 days approx. 5.0 N/mm <sup>2</sup>
<b>Fire rating:</b>	A1 acc. EN 13501
<b>Abrasion resistance:</b>	Measured in method based on DIN DIN EN 13748 part 1, Wear-/Resistanceclass acc. Böhme Depending on aggregate used Hardness class I up to max. 18cm <sup>3</sup> /50 cm <sup>2</sup> Hardness class II up to max. 20cm <sup>3</sup> /50 cm <sup>2</sup> Hardness class III up to max. 26cm <sup>3</sup> /50 cm <sup>2</sup>
<b>Suited for floor heating:</b>	yes
<b>EMICODE:</b>	EC1R <sup>PLUS</sup>
<b>Classification according GHS/CLP:</b>	GHS05"Corrosive", Signalword: Danger
<b>Classification according GGVSEB/ADR:</b>	no
<b>Packaging:</b>	bags with 25 kg net
<b>Storage:</b>	can be stored for approx. 12 months in a dry room in original sealed packaging

We assume the warranty for the perfect quality of our products. Our handling recommendations are based on trials and practical experience; they can, however, only be regarded as general advice without a quality warranty, as we have no influence on work site conditions and the execution of the work.  
Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations.

