



FOR GOOD REASONS

pan**DOMO**[®] MW

TerrazzoMicro Bindersystem, white

pan**DOMO**[®] MB

TerrazzoMicro Bindersystem, black

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



Reg.No. 37344

Manufacturer
with certified quality system
as per DIN EN ISO 9001

ARDEX GmbH

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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 the fine graded aggregate PANDOMO TG fine, 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.

To achieve a bond to the substrate, the substrate must be primed with PANDOMO PR. The primer must be applied in accordance with the technical data sheet.

If the substrate requires smoothing the substrate should be smoothed with ARDEX K 80 thin screed leveller.

Application:

Mix 25 kg of the PANDOMO MW or MB and 25 kg PANDOMO TG fine graded aggregate with approx. 4.5–5.0 l of water.

PANDOMO TG fine aggregate is added into a forced action mixer. PANDOMO MW resp. MB TerrazzoMicro Bindersystem and water is added and mixed until a homogenous mix is achieved. Allow to stand for 1 minute. The mortar is then remixed until a lump free pourable mortar is achieved.

The following PANDOMO TG Fine graded aggregate is available:

Nero	1–3 mm
Rosso	1–3 mm
Marrone-Ocra	1–3 mm
Bianco Rosé	1–3 mm
Bianco	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 apply at temperatures below +5 °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 ATS Terrazzo sub-screed the preheating should start at a temperature of +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.

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 such as those supplied by Messrs. MKS Funke GmbH:

Contact:

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Important:

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

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

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

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:

Mixing ratio:	25 kg PANDOMO MW/MB TerrazzoMicro Bindersystem and 25 kg PANDOMO TG Fine grade aggregate to be mixed with 4.5–5.0 l water, the water demand can vary slightly depending on the grading
Bulk density:	approx. 1.2 kg/l
Fresh mortar weight:	approx. 2.2 kg/l
Material requirement:	approx. 10 kg per m ² and cm depth
Working time*:	approx. 30 min
Walkability:	approx. 8 h
Compressive strength:	after 1 day approx. 30 N/mm ² after 7 days approx. 40 N/mm ² after 28 days approx. 45 N/mm ²
Tensile bending strength:	after 1 day approx. 4.0 N/mm ² after 7 days approx. 4.5 N/mm ² after 28 days approx. 5.0 N/mm ²
Fire rating:	A1 acc. EN 13501
Abrasion resistance:	A9 acc. EN 13892 Part 3
Suited for floor heating:	yes
Packaging:	bags with 25 kg net
Storage:	can be stored for approx. 6 months in a dry room in original sealed packaging

*if used with PANDOMO TG graded fine aggregate

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.