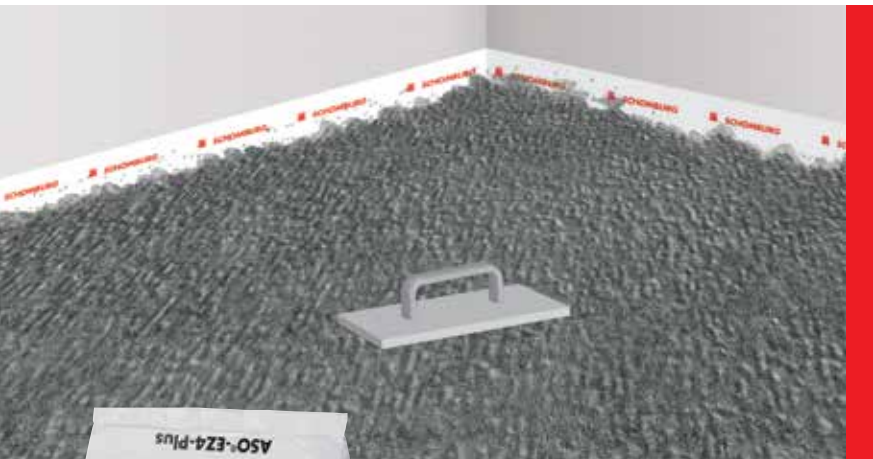


Product information

Screed mortar

ASO®-EZ4-Plus

**Rapid setting, water repellent pre-blended dry mortar
CT-C50-F6-A9**



Area of application:

- ASO®-EZ4-Plus is a fibre-reinforced pre-blended factory produced mortar for producing water repellent cement-based screeds, which develop high early strength and can receive floor finishes early. Can be used for bonded, unbonded or floating quick setting screeds as well as for heated screeds as a wearing surface or a substrate for tiles, slabs, textile flooring, parquet or vinyl. Due to its water repellent properties, ASO®-EZ4-Plus offers increased protection against frost damage and efflorescence when used as a rapid hardening mortar bed for the installation of natural stone, tiles and slabs in exterior and wet areas, on balconies, terraces, loggia, steps, in swimming pools, wet rooms, car washes and water containers.

Technical data:

Basis:	special cement, additives, aggregate
Classification:	EN 13813 CT-C50-F6-A9
Application/ substrate temp*:	+5°C to + 25°C
Working time*:	approx. 60 minutes
Water addition:	1.6 -2.0 l/25 kg ASO®-EZ4-Plus (6.5 - 8.0 % water) semi-dry consistency - stiff-plastic
Mixing method:	Forced paddle mixer, free fall mixer
Consumption:	approx. 20 kg ASO®-EZ4-Plus per m ² /cm screed thickness
Foot traffic after*:	approx. 6 hours
Ready to install finishes*:	approx. after 3 days
Fully cured after*:	approx. 7 days
Fire rating:	A1 in accordance with resolution 96/603/EG
Packaging:	25 kg bag

*) Values relate to +23° C and 65% relative humidity.



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ASO®-EZ4-Plus



Rapid setting, water repellent pre-blended dry mortar CT-C50-F6-A9

Properties:

- Water repellent
- Protects against efflorescence
- Fibre-reinforced
- High application assurance
- Consistent screed quality
- For interior, exterior and under water areas
- Long working time
- Foot traffic after 6 hours
- For the early installation of tiles
- Can be heated after 3 days according to technical regulations

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SCHOMBURG GmbH & Co. KG Aquafinstraße 2 - 8 D-32760 Detmold 04 2 05528	
EN 13813 ASO®-EZ4-Plus Cement screeding mortar for use in buildings CT-C50-F6-A9	
Reaction to fire 96/603/EG:	A1 _g
Release of corrosive substances:	CT
Compressive strength:	C50
Flexural strength:	F6
Resistance to wear:	A9

Product preparation:

For mixing we recommend the use of suitable mechanical equipment, batch mixers, screed mixers with a 65 mm pipe diameter or other conventional screed mixers e.g. PFT, Putzmeister Mixocret or similar. Pay attention to the moisture content of the aggregate and avoid excess water. The working time is approx. 60 minutes at +20° C. Mixing, application and finishing must follow each other swiftly. Only measure out areas that can be completed within this working time. For bonded screeds firstly brush ASOCRET-HB-flex onto the prepared, e.g. mechanically abraded, concrete substrate. Lay the screed into the wet slurry coat.

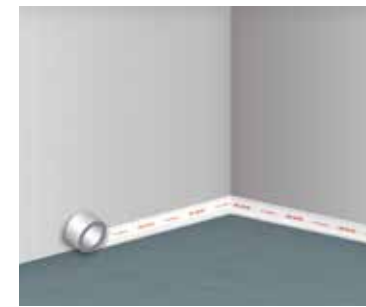
Minimum nominal thickness to DIN 18560:

Beneath tiles	40 mm on insulation or separating layer *2)
Beneath parquet, carpet, linoleum or PVC	30 mm on insulation or separating layer *2)
In general	10 mm bonded

*2) Reductions in thicknesses are possible as a result of structural calculations and measurements by means of product characteristics.

Application:

The substrate must be dry, load-bearing, adequately flat, free from penetrating cracks and free from separating substances such as e.g. oil, paint, laitance layers and loose components. It must have a largely closed surface texture and a surface condition and strength commensurate with its type. For application and installation, the general guidelines for cement-based screeds in accordance with DIN 18560 and DIN 18353 are applicable.



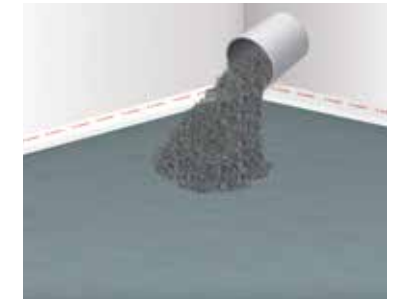
1 Placing the edge isolating strip RD-SK50



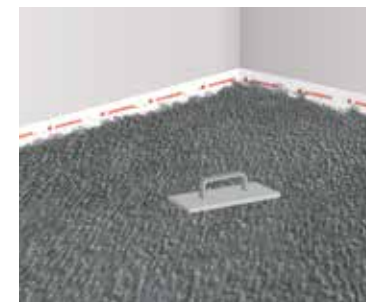
2 Filling the clean mixing bucket with screed mortar



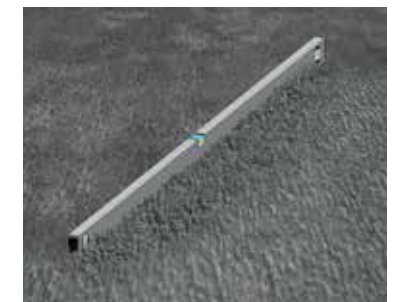
3 Mixing the screed mortar with suitable mixing technology and prescribed water quantity



4 Spreading the screed mix



5 Compacting the screed mortar



6 Striking off the screed mortar with a suitable straightedge



7 Rubbing up and finishing the screed surface