



TILE ADHESIVE FOR USE ON ANHYDRITE SUBSTRATES WITH UP TO 2.0 CM-% RESIDUAL MOISTURE CONTENT

Characteristic product properties

- Designed specially for use on anhydrite (calcium sulphate bonded) poured floors.
- No primer required.
- Waterproof, suitable for bathrooms and showers.
- Also for XL and XXL sized (thin) tiles and natural stone.
- Permanently elastic, can be used with underfloor heating.
- Layer thickness up to 15 mm.
- Indoor.
- Classified in compliance with EN 12004: D2.

Applications

Designed specially for use on anhydrite (calcium sulphate bonded) poured floors with a residual moisture content of up to 2.0 CM-%. This paste adhesive dries extremely well under every possible type of ceramic floor tiles, even tiles with a porosity of < 0.2% and calibrated natural stone (not subject to staining and distortion caused by water absorption). The adhesive is highly suitable for laying XL and XXL sized (thin) tiles. Suitable for bonding SC omnimat. Highly elastic permanent tile adhesive capable of accommodating any deformations in the surface. Examples of applications include kitchens, toilet areas, living rooms, bathrooms and showers in residential, high-rise and utility buildings.

Appropriate surfaces

- Anhydrite (with underfloor heating)

Also see our "General substrate guidelines" for specific details.

Preparing the surface

- The substrate must be stable, load-bearing and free of oil, grease, dirt and dust.
- Remove any layer of laitance from anhydrite poured floors (sweep/brush or sand) and make sure that the moisture content is appropriate (max. 2.0 CM-%). Vacuum the surface thoroughly. Do not prime the surface!
- Take care with existing cracks in the surface, which must be examined closely before laying the tiles. For further details about how to prepare the surface, please refer to our "General instructions for surfaces".

Instructions for application

- Use at temperatures above 0° C.
- The paste is ready to use.
- Apply the paste evenly in one direction, using an appropriately toothed adhesive spreader/trowel.
- After applying the layer of adhesive, lay the tiles within 20 minutes and within the adhesive's working time.
- Apply the tiles with a slight sliding motion and press firmly in place.
- Make any adjustments within 15 minutes after laying the tiles.
- Select the size of the teeth on the adhesive spreader so that the contact surface (degree of filling) is a minimum percentage of 80% of the total tile surface, spread evenly across it.

For thin, large-size (ceramic) tiles/sheets:

It is important for the durability of the system that the tiles are laid fully on to the bed of adhesive. Select the size of the teeth on the adhesive spreader so that the contact surface (degree of filling) is close to a percentage of 100% of the total surface. To obtain the correct contact surface, it may be necessary to place the tiles using the buttering-floating method. With this method, apply the adhesive with the flat side of the trowel and the surface with the toothed part of the adhesive spreader. Check the adhesive contact surface regularly while carrying out the work and make any adjustments needed where necessary. For further details about application and expansions, please refer to "General instructions for application and information on paste tile adhesives".

Notes

Grouting:

To promote the hardening of floor tiles laid using ADP FLOOR stabicol adhesive, we advise grouting the tiles with omnifill:

- WD FLEX R omnifill, fast-setting and water-resistant grout.

**For anhydrite
substrates
≤2,0 CM-%**





Humid environment :

In a very humid environment, the paste adhesive may take more than 24 hours to dry.

Levelling systems:

To give the paste adhesive opportunity to harden sufficiently, we advise waiting for a minimum of 1 extra day before removing the spacers/clips.

Dull noise:

A dull noise may be noticed with floor tiles laid using a paste adhesive. One of the properties of paste adhesive is that it has a good sound-absorbing effect.

Bathrooms and showers:

Before working with ADP FLOOR in areas where there is damp and humidity: contact our technical adviser.

Consumption

Allow a minimum of 4 kg/m², depending on the surface and the type of tile.
Calculate the consumption of tile adhesive pastes at www.omnicol.eu.

Product composition

ADP FLOOR stabicol is a permanently elastic, ready-to-use adhesive. It is water-based and contains no solvents. It has natural fillers and carefully selected additives.

Technical properties

- Supplied in the form of : paste, solvent-free
- Colour : grey
- CE classification : D2
- Open time : min. 20 minutes in compliance with EN 1346
- Shear strength : in dry form : ≥ 1.0 N/mm²
(In compliance with EN 1324) when damp : ≥ 0.5 N/mm²
increased temperature : ≥ 1.0 N/mm²
- Slip resistance : ≤ 0.5 mm in compliance with EN 1308
- Maximum layer thickness : 15 mm
- Setting time : approx. 24 hours, depending on the surface, temperature, relative humidity and layer thickness.
- Grouting : after a minimum of 24 hours (large-size tiles 48 hours)
- Hardening : as a result of drying and polymerisation
- pH value : approx. 8
- Application viscosity : approx. 6.000 mPas
- Max. working temperature : 130° C
- Density : 1.6 kg/l
- Dry extract : 80%
- Water resistance : yes, see shear strength when damp
- Flexibility : easily meets the deformation capacity requirements of the Dutch directive on construction products BRL 1011
- heat ageing : adhesion ≥ 1.0 N/mm² in compliance with EN 1324

For explanatory notes concerning some of these concepts, please refer to our "General instructions for application and information on adhesive pastes."

Packaging

- Available in sturdy, recyclable polypropylene buckets with a net content of 18 kg.

Storage and shelf life

- Ensure that the buckets are protected against frost when they are transported and stored.
Protect against temperatures of 40° C and above.
- Keeps for 24 months in its original sealed packaging.

Health and Safety

For further details, please refer to our safety information sheet.

This technical data is based on many years of practical experience and laboratory research. We cannot be held liable for the work produced in accordance with our systems since factors on which we cannot make an assessment or influence also determine the final result. We guarantee that this product is always supplied in a quality that remains the same. If you have any doubts, we recommend performing tests yourself. See www.omnicol.eu for the most recent version of this TDS.