



## PLASTER-BONDED WHITE POWDER TILE ADHESIVE FOR APPLICATION ON ANHYDRITE WITH UP TO 1.0% RESIDUAL MOISTURE

### Characteristic product properties

- For laying ceramic and natural stone tiles.
- Very smooth and easy to use, very good for filling.
- Layer thickness: up to 15 mm.

### Applications

For laying all ceramic floor and wall tiles, including those with a lower porosity than 0.2 %, calibrated natural stone (sensitive to staining) and composite cement tiles. Especially suitable for anhydrite-based fluid screed. Excellent levelling capacity, which is especially important when laying large format tiles and on surfaces that are not entirely level. Can be laid on underfloor heating.

Many examples of how it can be used include the construction of residential buildings, projects and public areas.

### Appropriate surfaces

- Anhydrite (with underfloor heating)

For specific details, please refer to our "General instructions for surfaces".

### Other products/specific applications

- Fast hardening adhesive: PL85 PROF R omnicem.
- For laying composite marble tiles: white PL85 PROF R omnicem.
- For uncalibrated tiles or natural stone, apply in thicker layers DB FLEX omnicem.
- For outdoor use and/or areas that are continuously exposed to damp: one of the products from our PL85 omnicem range.

### Preparing the surface

- The surface must be stable, resistant and free of oil, grease, dirt and dust.
- Start by treating the surfaces, using omnibind:
  - AD = specifically for application on anhydrite
  - COAT = waterproof (walls and floors)
- Care should be taken with self-levelling anhydrite screeds! Remove any layers of laitance (by sanding/brushing) and check the moisture content (max. 1.0 % weight). Carefully vacuum clean 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, see our "Preparing the surface" sheet.

### Instructions for application

- Mix with clean running water, according to the following proportions : approx. 6 litres of water per 25 kg of powder. If using thickening mortar, do not mix it with water again.
- Start by pouring the water into the pot before adding the powder.
- Combine using a mixer for 4 minutes (minimum) until you obtain a homogeneous mass without any lumps. The resulting paste is immediately ready for use.
- Apply evenly using an adhesive comb with the appropriate toothing.
- Lay the tiles within 30 minutes.
- Press down firmly on the tiles, while laying them on the adhesive bed using a sliding movement.
- Make any necessary corrections within 15 minutes.

For further details, please refer to "General instructions for application and information on powder tile adhesives".

### Consumption

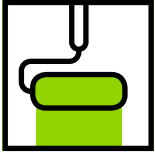
Minimum 2.5 kg per m<sup>2</sup>, depending on the surface and type of tile. Calculate the consumption of powder tile adhesives at [www.omnicol.eu](http://www.omnicol.eu).

### Product composition

ADG omnicem is a modified tile adhesive with synthetic resin, based on Alpha semi-hydrate and carefully selected additives.

**Specially designed  
for anhydrite**





### Technical properties

- Supplied in the form of : powder
- Colour : white
- Application time at 20 °C : approx. 90 minutes
- Working temperature : between 5 °C and 25 °C
- Open time : min. 30 minutes
- Waiting time : none
- Maximum layer thickness : 15 mm
- Curing time : approx. 24 hours, depending on the surface, temperature, relative humidity and layer thickness
- Hardening : as a result of drying, polymerisation and hydraulic curing
- Adhesion : > 1.0 N/mm<sup>2</sup>
- Flexibility : > 2.5 mm deflection
- Min./max. temperature : 0° C / +70° C (occasionally)
- Heat ageing : no signs of ageing occur after curing

For explanatory notes concerning some of these points, please refer to our document "General instructions for application and information on powder tile adhesives".

### Packaging

- Available in strong multilayer paper bags, which are sewn and secured using adhesive, with a net content of 25 kg.

### Storage and shelf life

- For storage, we recommend that you use a dry and sheltered area, as the powder is sensitive to moisture.
- Keeps for 12 months in its original sealed packaging.

### Health and Safety

More detailed information on health/safety when handling plaster-based products is available on request.

*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](http://www.omnicol.eu) for the most recent version of this TDS.*