



## TILE ADHESIVE PASTES

### Characteristic product properties

- Suitable for ceramic tiles measuring up to approx. 200 x 250 mm and brick strips.
- Home construction.
- Suitable for use on interior walls.
- Classified in compliance with EN 12004: D2T.

### Applications

For laying all ceramic wall tiles and brick strips. This highly efficient and ready-to-use tile adhesive is very suitable for laying a wide range of tiles. Can be used on all interior walls. Can be used for laying tiles on all stable surfaces and some surfaces that are subject to limited deformation. Examples of applications: damp places, bathrooms, kitchens, toilets.

### Appropriate surfaces

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>■ Brick</li> <li>■ Existing tiles</li> <li>■ Concrete</li> <li>■ Concrete blocks</li> <li>■ Cellular concrete</li> <li>■ Cement coating</li> <li>■ Fibre-plaster board</li> <li>■ Plaster coating</li> <li>■ Plaster blocks</li> </ul> | <ul style="list-style-type: none"> <li>■ Plasterboard</li> <li>■ Lime-cement coating</li> <li>■ Sand-limestone</li> <li>■ Ceramic interior bricks</li> <li>■ O-BOARD</li> <li>■ Decorative coating</li> <li>■ Silicate board</li> <li>■ Paint</li> <li>■ Wall heating</li> </ul> |
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For information concerning the maximum moisture content and age of the relevant surface, please see "General instructions for surfaces."

### Other products/specific applications

- Adhesive pastes are less suitable for less smooth walls or when tiling floors. Therefore, we advise that you use one of our powder tile adhesives.
- For outdoor use: PL85 omnitem can be used in various ways.

### Preparing the surface

- The surface must be stable, plane, resistant and free of oil, grease, dirt and dust.
  - In case of rough walls, first make the wall even using 90(GR) omnimix or 90R LIGHT omnimix.
  - Clean greasy surfaces using CLEANER omnibind.
  - Start by treating all surfaces that are absorbent of powdery, using Omnibind:
    - TP = for general use
    - TPW = waterproof (walls)
    - COAT = waterproof (walls and floors)
    - ZR = existing tiles, smooth surfaces or large format tiles
  - 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.
- After applying the adhesive to the surface, lay the tiles within 20 minutes.
- Make any necessary corrections within 15 minutes.

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

### Consumption

- Application on mosaic tiles, approx. 1000 g/m<sup>2</sup>
- Smooth-backed wall tiles: approx. 1200 g/m<sup>2</sup>
- Wall tiles with profiled backs: approx. 1600 g/m<sup>2</sup>

However, the amount required always depends on the surface. Calculate the consumption of tile adhesive pastes at [www.omnicol.eu](http://www.omnicol.eu)

### Product composition

RS omniflex is a ready-to-use adhesive that stays elastic, which is based on a dispersion of unsaponifiable synthetic resins, high quality fillers (charges) and carefully selected additives.

**Flexible**





### Technical properties

- Supplied in the form of : paste, solvent-free
- Colour : beige
- CE conformity : D2T in compliance with EN 12004
- Open time : min. 20 minutes in compliance with EN 1346
- Shear strength : in dry form :  $\geq 1.0 \text{ N/mm}^2$  (in compliance with EN 1324)  
: when damp :  $\geq 0.5 \text{ N/mm}^2$   
: increased temperature :  $\geq 1.0 \text{ N/mm}^2$
- Slip resistance :  $\leq 0,5 \text{ mm}$  in compliance with EN 1308
- Maximum layer thickness : 5 mm
- Setting time : approx. 3 x 24 hours
- Grouting : after minimum 24 hours
- Hardening : as a result of drying and polymerisation
- pH value : approx. 8
- Application viscosity : approx. 10.000 mPas
- Max. working temperature : 130° C
- Density : 1.70 kg/l
- Dry extract : 74 %
- 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  $\geq 1.0 \text{ N/mm}^2$  in compliance with EN 1324

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

### Packaging

- Available in sturdy, recyclable polypropylene buckets with a net content of 5 or 15 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.*