

Technical Product Data Sheet

10/23

06261/06261.1/06266

muro® Concrete bonding agent



Product description:

muro Concrete bonding agent is a solvent-free, fast-drying bonding primer for subsequent system plasters and gypsum-based bonding compounds, particularly on smooth concrete surfaces, and is suitable for interior and exterior use. muro Concrete bonding agent improves the mechanical adhesion of base coats, cement plasters, lime-cement plasters, machine-applied gypsum plasters, ready-mixed gypsum plasters and other dense, non-absorbent substrates as a bonding primer in accordance with DIN V 18550.

Areas of application:

muro Concrete bonding agent is used wherever concrete surfaces are to be plastered. This pretreatment prevents the damaging reaction between concrete and gypsum. It provides better anchorage for the plaster mortar and equalises the absorbency of the concrete. muro Concrete bonding agent is ready to use, solvent-free and plasticiser-free, does not allow the aggregate to settle, is pigmented for increased application safety, equalises the absorbency of the substrate and offers high alkali resistance.

Substrate:

The substrate must be clean, dry and free from grease, formwork oils, efflorescence and any other residues that may impair adhesion. Do not apply muro Concrete bonding agent to wet or frozen surfaces. The residual moisture content of the substrate must not exceed 3% by mass. The requirements of DIN 18550 apply. VOB Part C, DIN 18363 must be observed.

Quality control:

In-house monitoring by our muro laboratory.

Technical Data

Material base	Acrylic synthetic resin dispersion
Colour	Red Pigmented, matt
Application area	interior and exterior
Application temperature	not below 5°C (building material temperature)
Consumption	approx. 200 - 350 g/m ²
Density	1.5 g/cm ³
Drying time	At least 6 hours depending on ambient temperature, complete drying required
Recoatable	after 6 hours (20°C / 65% relative humidity)
Storage & Shelf life	store in a cool, frost-free place; unopened containers can be stored for approx. 12 months
Packaging	6 kg & 20 kg plastic containers

All technical data refer to laboratory conditions of 20°C / 65% relative humidity.

Application:

Stir muro Concrete bonding agent thoroughly before application and use undiluted. Apply using a brush, textured roller, lambswool roller or mechanically with a suitable conveying pump (e.g. InoBEAM by Inotec). Stir from time to time. muro Concrete bonding agent dries quickly. Clean tools immediately after use with water.

Storage:

muro Concrete bonding agent should be stored in closed buckets in a cool but frost-free place. Keep opened buckets tightly closed and use promptly. Storage should not exceed 12 months.

Cleaning of tools:

Tools such as brushes, ceiling brushes, etc. must be cleaned with water immediately after use, otherwise they will become clogged.

Additional information:

EU limit value for this product (Cat. A/h): 30 g/l (2010).
This product contains max. < 1 g/l VOC

Declaration of ingredients:

Acrylic resin, water, silicates, additives, preservative (methylisothiazolinone).

Safety advice:

Protect eyes and skin. Wash splashes from the skin with water and soap. In case of contact with the eyes, immediately rinse with plenty of water and seek medical advice. Keep the product out of reach of children. For further details, see the safety data sheet.

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P261 Avoid breathing
dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see this label).

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Note:

The information in this data sheet is based on our factory tests and trials as well as practical experience. However, due to the varying conditions on site, our application instructions are non-binding. We recommend that users familiarise themselves with the relevant products and application techniques by carrying out a trial before starting work. This technical data sheet becomes invalid when a new edition is published.



muro Bauprodukte GmbH
Brennhäuser Str. 2
97528 Sulzdorf a.d.L.
GERMANY



Phone: +49 9763 93079-0



www.technik@muro-vertrieb.de



www.muro-bauprodukte.de