

11035



Tile Adhesive FLEX C1 T

Product Description:

muro Tile Adhesive FLEX C1 T is a factory-produced mineral dry mortar, mortar group C1 in accordance with DIN EN 12004.

Composition:

muro Tile Adhesive FLEX C1 T consists of graded and dried natural sands, cement and additives to improve workability and adhesion.

Application:

muro Tile Adhesive FLEX C1 T is suitable for laying stoneware and ceramic floor and wall tiles, as well as mosaics, for interior and exterior use.

Quality Control:

All our products are subject to continuous internal and external monitoring in our own laboratory. The above information is provided for guidance and is based on the best of our current knowledge. However, no binding assurance can be given as to the general applicability of the individual recommendations, since application and working methods are beyond our control and the differing characteristics of substrates require individual assessment in accordance with professional and good workmanship practices. The applicable standards, approvals and guidelines must always be observed. Our technical advisory service is available for any further technical questions.

Technical Data	
Water requirement	approx. 7.0 - 7.5 l/bag
Adhesion strength Dry storage	≥ 0.5 N/mm ²
Adhesion strength Water storage	≥ 0.5 N/mm ²
Adhesion strength Heat storage	≥ 0.5 N/mm ²
Material consumption	Grain size: approx. 0.4 mm Area: approx. 2.5 kg/m ² * Coverage: approx. 10 m ² per 25 kg bag* *with a 6 mm notch
Open time (30 min)	≥ 0.5 N/mm ²
Slip	≥ 0.5 mm
Reaction to fire	A1
Storage	Dry, protected from moisture
Packaging	25 kg, paper bag

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

Substrate:

The substrate must be clean, dry, dust-free, firm and sound, and free from efflorescence and release agents. Residues that impair adhesion must be removed. muro Tile Adhesive FLEX C1 T can be applied without priming or pre-wetting to normally absorbent substrates such as plaster, cement screeds and concrete. On highly absorbent substrates, apply muro SIN Spezial and allow it to take effect, but do not allow it to dry completely to form a film. Gypsum- and anhydrite-containing substrates must be pretreated with an appropriate primer. On dense, non-absorbent and smooth substrates, a special bonding dispersion must be applied as a bonding coat.

Application:

Mix muro Tile Adhesive FLEX C1 T with approximately 7 litres of clean water and stir with a mixing paddle at low speed until lump-free. After a maturation time of approximately 10 minutes, stir thoroughly again. The working time of the mixed tile adhesive is approximately 4 hours. Use a smoothing trowel when applying muro Tile Adhesive FLEX C1 T to achieve better adhesion. Apply the tile adhesive to the substrate with firm pressure using the smoothing trowel and comb through with a 6 x 6 notched trowel. Slide the tiles into place under pressure and tap them to adjust their position. Their position can still be corrected for up to 10 minutes after fixing. Only spread as much adhesive as will allow the tiles to be pressed into a moist, pasty mortar bed.

Disposal:

Only completely emptied bags, free of loose powder, should be sent for recycling. Dispose of hardened material residues as building rubble or construction site waste.

Special Points to Note:

Do not apply muro Tile Adhesive FLEX C1 T at air and substrate temperatures below +5°C or where frost is expected overnight. Clean tools immediately after use. DIN 18352 and DIN 18157 apply to the execution of the work.

Storage:

Store dry, protected from moisture. Shelf life: 9 months.

Safety Advice:

muro Tile Adhesive FLEX C1 T is a hazardous substance. Please refer to the EC Safety Data Sheet for information on the classification and labelling of the product.

Hazard Statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

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 investigations and tests, as well as practical experience. However, due to the varying conditions on construction sites, our application instructions are non-binding. We recommend that users familiarise themselves with the relevant products and working techniques by carrying out a trial before starting work. This technical data sheet becomes invalid when a new edition is issued.

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