

Elmich F100 Reinforcement Tape

High-Adhesive Butyl Tape with Fleece



Elmich F100 Reinforcement Tape is a self-adhesive tape made of a butyl rubber compound protected by a Fleece in polypropylene. The tape has been developed for applications where it is both necessary to have a high adhesion property, featuring a finished, smooth, absorbing surface. The tape consists of easy peel siliconized release paper: both release paper edges exceed some millimeters from the tape itself, featuring an easy removable release paper.

Elmich F100 Reinforcement Tape is compatible with common glues (cement and non-cement based adhesives) and it is ideal to be used under wood, marble, ceramic etc. coverings. Elmich F100 Reinforcement Tape adheres strongly to all materials and especially to plastic, glass, steel, polycarbonate, wood and bitumen. The product must be protected from U.V. exposure.

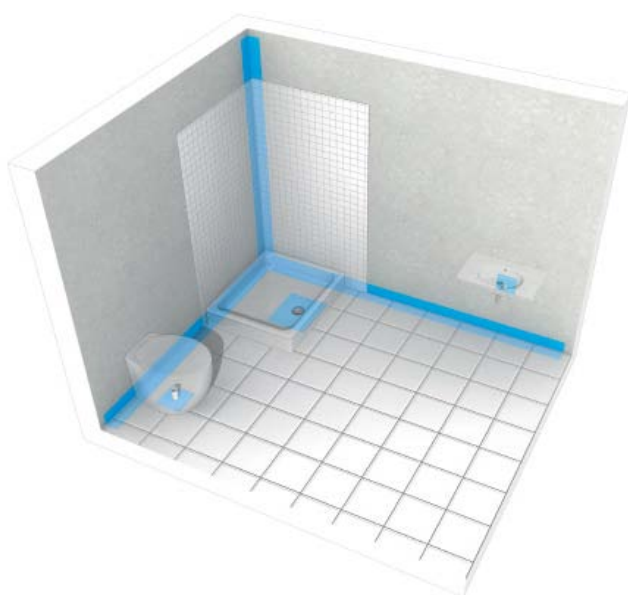


Characteristics

- Excellent adhesive properties
- Excellent heat stability
- Excellent adhesion at low temperatures
- High workability, plasticity and deformability
- Solvents free
- Easy peel

Uses

The product has been designed to seal joint between the floor slab and wall, both for bricks, concrete and gypsum surfaces. Thanks to its ease of handling, plasticity and deformability, Elmich F100 Reinforcement Tape can be used in small and reduced feasible spaces.



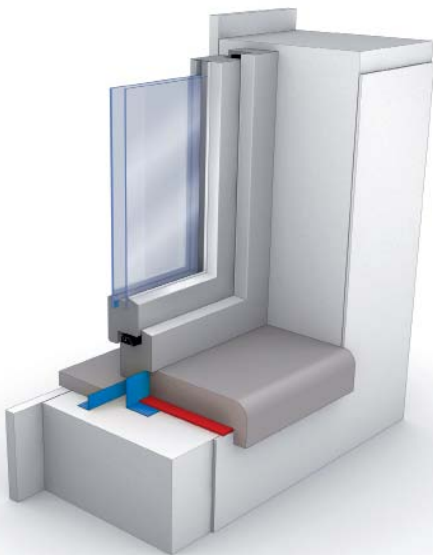
Technical Data

| CHARACTERISTICS | VALUE | TEST |
|--|--|-------------------|
| Standard thickness | 1.0 mm | - |
| Compound colour | Grey | - |
| Tensile strength | long. >100 N/50mm trasv. >100 N/50mm | EN 12311-1 |
| Elongation at break | long. >70 % trasv. >70 % | EN 12311-1 |
| Solids | 100% | - |
| Specific weight | 1.4 g/cm3 | ASTM D 792 |
| Peel adhesion 90° | ≥90N | ASTM D 1000 |
| Loop tack test | ≥80N | ASTM D 6195 |
| Probe tack test | ≥80N | ASTM D 2979 |
| Cement adhesive strength C2E on fleece | 0.9 N/mmq | EN 12004 - EN1348 |
| Application temperature | 0°C / +40°C | - |
| Service temperature | -30°C / +80°C. Up to 160°C for max. 24h. | - |

Installation

Prepare the surface and proceed as follows:

- The surface should be clean, dry, smooth and dust-free
- Unroll the tape until the desired length is reached
- Remove the silicone release film that covers the adhesive part of the tape and position Elmich F100 Reinforcement Tape.
- Press with a roller or a cloth pad



Important Notes

Storage: The quality and the characteristics of materials remain unaltered for a very long time.

It is however best to use the product within 12 months. For correct storage, a dry, covered place is best at a temperature between +5°C and +40°C. Storage above 50°C may lead to difficulties to remove the release when applying. The product is not affected by frost.

Caution and Safety: The materials are not hazardous for normal uses and when used by skilled persons. In particular conditions, it is possible to cut or injure oneself. Keep out of reach of children. For further information refer to the Safety Data Sheet.

Classification for transport: Not applicable.

Inflammability classification: M1 (UNE 23727:1990 - UNE 23721:1990). Reaction to fire: E (EN 11925 - 2; EN 13501 - 1).

The manufacturer disclaims all liability for product use and applications. Butyl sealants are deformable plastic products. Do not use for permanent fixing or in load bearing applications instead of a mechanical fixing. Butyl adhesive are sensitive to solvents. The user should previously check the compatibility of the product with the surface in terms of adhesion and chemical compatibility over the application temperature range.



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