

# Elmich Reinforcement Tape F100

## High-Adhesive Butyl Tape with Fleece



Elmich Reinforcement Tape F100 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 Reinforcement Tape F100 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 Reinforcement Tape F100 adheres strongly to all materials and especially to plastic, glass, steel, polycarbonate, wood and bitumen. The product must be protected from U.V. exposure.

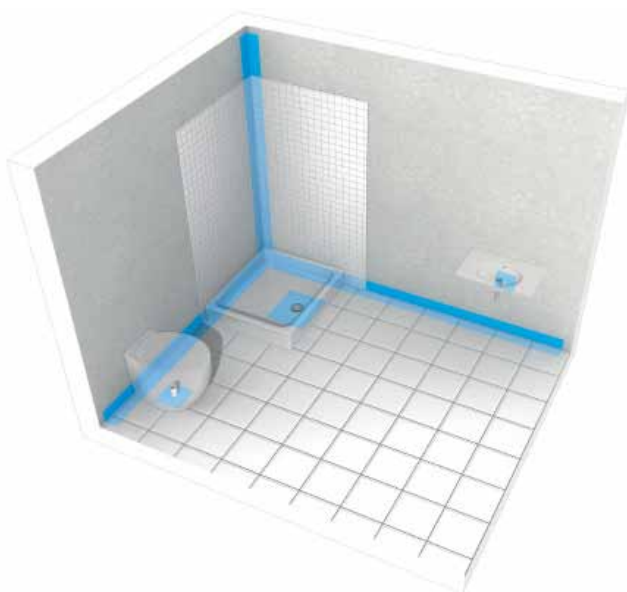


### Characteristics

- 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 Reinforcement Tape F100 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/cm <sup>3</sup>	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/mm <sup>2</sup>	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 Reinforcement Tape F100
- 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.



**ELMICH PTE LTD** [www.elmich.com](http://www.elmich.com)

Singapore: (+65) 6356 2800

[info@elmich.com](mailto:info@elmich.com)

Singapore | Australia | Germany | Switzerland | United States

