

Waterproofing Systems / Waterproofing Tapes and Subsidiary Products

IMPERMO® COMBI

Waterproofing Tape for Dilatation

DESCRIPTION

Ready-to-use **thermoplastic** elastomer based waterproofing tape for dilatation joints.

APPLICATION AREAS

- Indoor and outdoor,
- Any engineering structure, such as dams, highways, tunnels, subways,
- Water tanks, pools, parking garages and shopping malls,
- Vertical and horizontal applications for expansion (dilatation) joints,
- Raft foundation reinforced concrete wall intersections completed internally and externally.

TECHNICAL PROPERTIES

Appearance	Grey colored tape roll
Material Weight	950 g/m ²
Hardness (Shore A)	94
Extension Break Longitudinal	392% (DIN EN ISO 527-3)
Extension Break Lateral	992% (DIN EN ISO 527-3)
Maximum Burst Pressure	> 4 bar
Breaking Load Longitudinal	12.0 N/mm ² (DIN EN ISO 527-3)
Breaking Load Lateral	12.1 N/mm ² (DIN EN ISO 527-3)
Fire Class	B2 (DIN EN 4102)
Service Temperature	Between -30°C and +90°C

ADVANTAGES

- Ensures waterproofing in expansion joints,
- Resistant to various chemicals.
- Solves the details in horizontal and vertical applications when bonded with **REPOX 310 Epoxy Repair, Adhesive and Assembly Mortar**.
- Dilatation joints are placed on in order for an aesthetic finish after waterproofing with IMPERMO COMBI in expansion joints.
- Economical
- Easy to apply even in expansion joints where polyurethane sealant is not used.

CONSUMPTION

Running meter

Packaging

In rolls of 20m. Width is 200 mm, 250 mm or 300 mm and thickness is 1 mm.

APPLICATION

PREPARATION OF THE SURFACE

- The surface must be clear of materials that prevent bonding, such as dust, oil, tar, paint, silicone, curing materials, detergents and mold oils.
- The surface may be dry or slightly damp. It is recommended not to apply on wet, snowy surfaces or in rainy weather.

APPLICATION

- Cut IMPERMO COMBI with scissors or utility knife according to the length of the expansion (dilatation) joint.
- If necessary, place a polyethylene backer rod larger than the dilatation width in the joint. Pull slightly upwards to make an omega curve.
- Mix **REPOX 310** and apply on both concrete surfaces with a trowel.
- Clean IMPERMO COMBI by wiping with a small amount of thinner and place on the expansion joint in such a way as to make an omega (If joints are to be made in tape, place the bins at least 10 cm overlapping. Melt by welding hot air the upper and lower sides of the joint places before joining together).
- It should be seen that **REPOX 310** comes out upwards through the holes on the side of IMPERMO COMBI.
- After the first coat of **REPOX 310** hardens, apply a second coat.
- In order to obtain a decorative appearance, use a masking tape suitable for the joint width to the middle part of the tape. Remove this tape after application.

CAUTION

- Do not remove the product from its packaging until it is to be used.
- Before and after application, prevent damage with piercing and cutting tools.
- In case of a flame hitting the product, wash with water jet and apply CO₂ foam to extinguish the fire.

HEALTH AND SAFETY

As with all chemical products, avoid contact with food products, skin, eyes and mouth during use and storage. During the application, use work clothes, protective gloves and glasses in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. In case of contact with skin, rinse with water. Store out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Construction Chemicals Ltd. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.