

MasterJoint® 930

FPO Base Tape for Expansion and Construction Joints

Material Description

MasterJoint® 930, FPO based joint tape desinged for watertightness of expansion and construction joints.

WRAS Approval - "Suitable for use in contact with Potable Water". BS 6920 : 2000

Areas of Application

- Above and below ground applications
- Foundations and concrete walls
- Pools
- Treatment plants
- Tunnels
- Balconies and parapet joints
- Roofs and terraces
- Expansion joints together with sealant application
- Watertightness of dynamic cracks on the structures

Characteristics and Benefits

- Easy to apply.
- User friendly, heat welding.
- Long lasting elasticity and service life.
- Keeps elasticity even in low temperatures.
- Resistant to tear, wear and abrasion.
- Resistant to bacteria and the deformation of chemicals attacks.
- Resistant to ozone and UV rays.

Processing Method

(A) Preparation of Substrate

Substrates must be sound and free of dust, dirt, laitance, paints, oils, grease, curing compounds, or any other contaminants. Irregularities on the substrate must be repaired with **MasterStrength® ER 1406**. **MasterJoint® CHR 170/171** polysulphide sealant application in the expansion joints is recommended prior to **MasterJoint® 930** application.

Technical Properties	
Material	FPO
Color	Grey
Surface Structure	Smooth
Tear Strength DIN EN 12311-2 (Version B)	$\geq 7 \text{ N/mm}^2$
Elongation at Break (DIN EN 12311-2 (Version B)	$\geq 600\%$
Watertightness DIN EN 1928-A- 60 kPa/24 Std. DIN EN 1928-B-400 kPa/72 Std.	Watertight
Shore A Hardness	85
UV Resistance DIN EN ISO 4892-3	> 6500 h
Heat Welding	270°C (depend on weather)
Service Temperature (SIA V280/3+4)	-30°C + 90°C
Reaction to Fire	Class E

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures lengthen the time.

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(B) Processing

MasterStrength® ER 1406 adhesive thoroughly, following the guidelines. Apply the well-mixed **MasterStrength® ER 1406** on both sides along the joint or crack on the prepared substrate, preferably with a notched trowel or spatula. When sealing cracks, or narrow joints the **MasterJoint® 930** should not be fully bonded on the joint. Centre line of the tape must be kept clean for elongation, expansion and contraction.

Point to Consider

- Center line of **MasterJoint® 930** must be kept clean for elongation.
- It is recommended to apply sealant (**MasterJoint® CHR 170/171**) in expansion joints prior to **MasterJoint® 930** application.
- Liquid applied waterproofing coatings must be applied over **MasterStrength® ER 1406** for proper watertightness.

Cleaning of Tools

All the tools and equipments must be cleaned by solvent after the application. After **MasterJoint® 930** is hardened, it can only be removed from the surface mechanically.

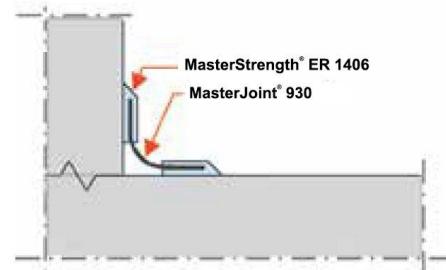
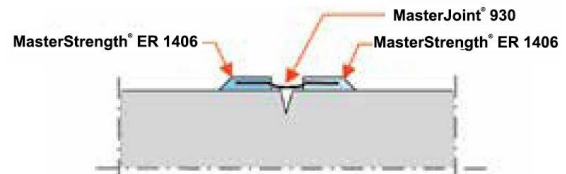
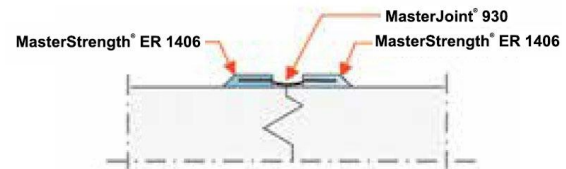
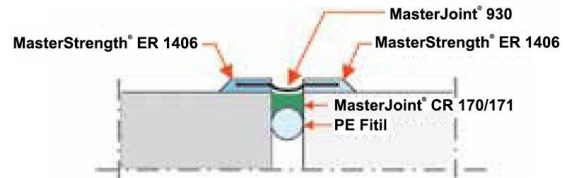
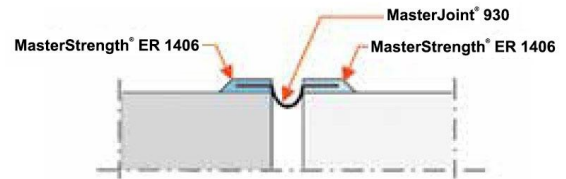
Packaging

20 mt rolls

En (mm)	100	150	150	200	200	300	300	500	500
Kalınlık (mm)	1	1	2	1	2	1	2	1	2
Boy (m)	20	20	20	20	20	20	20	20	20

Shelf Life

No shelf life limitation under appropriate storing conditions.



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Storage

Store in a cool and dry warehouse away from direct sunlight.

Health and Safety

Avoid contact to eyes and mouth during storing and application. Consult a physician urgently if such a contact occurs. Food and drink must be kept outside the application areas. Must be stored away from children. Please look at the Material Safety Data Sheet for detailed information.

Disclaimer

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. **MBT Teknik Yapı Kimyasalları Sanayi ve Ticaret A.Ş.** is only responsible for the quality of the product **MBT Teknik Yapı Kimyasalları Sanayi ve Ticaret A.Ş.** is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones.

Contact

MBT Teknik Yapı Kimyasalları San. ve Tic. A.Ş.
Eyüp Sultan Mah. Sekmen Cad. Hayy 1000A No:26/8
Sancaktepe, İstanbul
Tel: 0216 561 35 45 www.mbt-tech.tr

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