

MasterSeal® 930

FPO Joint Tape for Expansion and Construction Joints

DESCRIPTION OF PRODUCT

MasterSeal® 930, FPO based joint tape designed for watertightness of expansion and construction joints. **MasterSeal® 930** is highly elastic, root - proof and chemically resistant.

FIELDS OF APPLICATION

- Above and below ground applications
- Foundations and curtain 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

FEATURES 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.

APPLICATION PROCEDURE

Surface Preparation

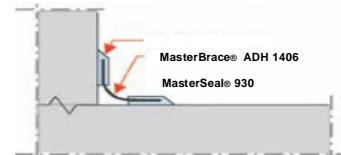
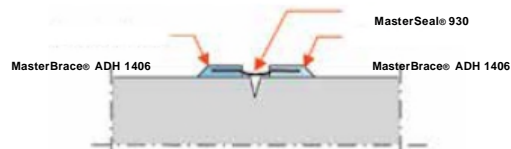
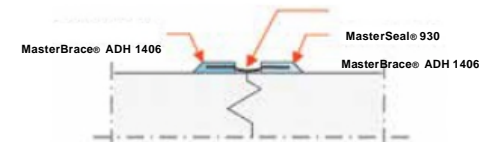
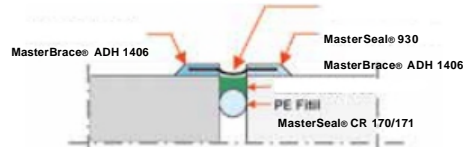
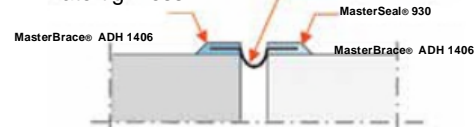
Substrates must be sound and free of dust, dirt, laitance, paints, oils, grease, curing compounds, or any other contaminants. Verify substrate has properly cured. Concrete should obtain 80% of design strength, typically achieved within 3-14 days. Irregularities on the substrate must be repaired with **MasterBrace® ADH 1406**. **MasterSeal® CR 170/171**, polysulphide sealant application in the expansion joints is recommended prior to **MasterSeal® 930** application.

APPLICATION

Mix **MasterBrace® ADH 1406** adhesive thoroughly, following the guidelines. Apply the well-mixed **MasterBrace® ADH 1406** on both sides along the joint or crack on the prepared substrate, preferably with a notched trowel or spatula. Layer thickness should be about 1-2 mm. When sealing cracks, or narrow joints the **MasterSeal® 930** should not be fully bonded on the joint. Centre line of the tape must be kept clean for elongation, expansion and contraction.

WATCH POINTS

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



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TECHNICAL DATA

Material	Flexible Polyolefine(FPO)
Color	Grey
Surface Structure	Smooth
Tensile Strength(DIN EN 12311-2 Method-2)	>6 N mm ²
Elongation at Break(DIN EN 12311-2 Method-2)	>%600
Tear resistance	>220 N
Watertightness(EN 1928,process B)	>3,6 bar
Shore A Hardness	-80
UV Resistance (SIA280/10)	>6500 h
Heat Welding	-270°C (1 mm thickness) -360°C(2 mm thickness)
Contact With Bitumen	Yes
Service Temperature(SIA V280/3+4)	-30°C +80° C

Laboratory results are obtained +23°C.50% relative humidity conditions.Higher temperatures decrease,lower temperatures increase the times mentioned

CLEANING OF TOOLS

See **MasterBrace® ADH 1406** technical data sheet

This technical form is valid only till a new version is implemented and nullifies the old ones.

PACKAGING

20 mt rolls

Width	100	150	150	200	200	300	300	500	500
Thickness (mm)	1	1	2	1	2	1	2	1	2
Lenght(m)	20	20	20	20	20	20	20	20	20

STORAGE

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

SHELF LIFE

No shelf life limitation under appropriate storing conditions.

HEALTH AND SAFETY PRECAUTIONS

Work cloth, protective gloves, goggles and masks concordant with Work and Worker Health rules must be used during the application. Food, drink and cigarette 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. **Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Ltd. Şti.** is only responsible for the quality of the product. **Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Ltd. Şti.** 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.

CONTACT INFORMATION

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