

# MasterJoint™ 930

Thermoplastic Joint Tape for Expansion and Construction Joints

## Material Description

**MasterJoint™ 930**, TPE 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 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

## 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.
- Root resistant. (FLL certified)
- 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. 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 **MasterStrength™ ER 1406**. **MasterJoint™ CHR 170/171** polysulphide sealant application in the expansion joints is recommended prior to **MasterJoint™ 930** application.

Technical Properties	
Material	Thermoplastic Polyethylene (TPE)
Color	Grey
Surface Structure	Smooth
Tensile Strength (EN ISO 527-1)	>6 N/mm <sup>2</sup>
Elongation at Break (EN ISO 527-1)	>%600
Resistance to Further Cracking (DIN 53363)	>600 N/cm
Watertightness (EN 1928, process B)	>8 bar
Shore A Hardness (ISO 868)	80
UV Resistance (SIA280/10)	>7500 h
Heat Welding	270°C
Bitumen Resistance	Yes
Service Temperature (SIA V280/3+4)	-40°C +90°C
Sulfuric Acid Resistance	Yes
Alcohol Resistance	Yes
Detergent Resistance	Yes

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. Layer thickness should be about 1-2 mm. 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.

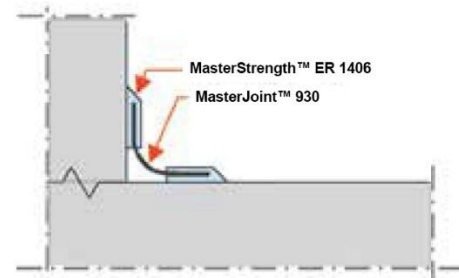
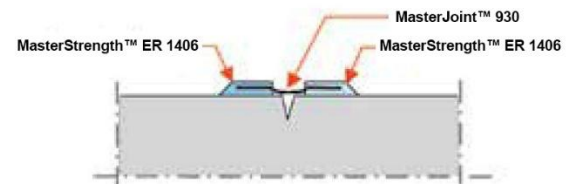
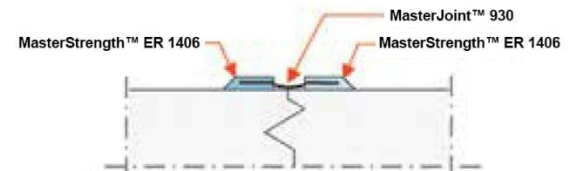
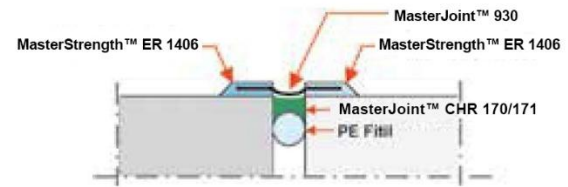
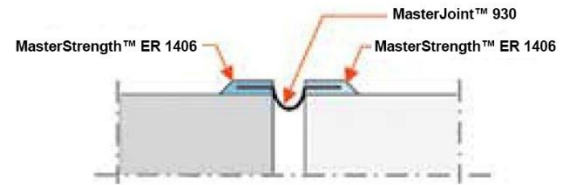
## Packaging

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

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