

METZ 20D/SS

PRE-FABRICATED MOVEMENT JOINT



DESCRIPTION:

Ready to use pre-fabricated movement joint, comprising a chemical resistant neoprene rubber infill with 304 Stainless Steel reinforced edges.

FEATURES AND BENEFITS:

- **Ease of Installation**
Available in lengths ready for immediate placement.
- **Durable**
Protection against damage to joint edges under impact loading and heavy traffic conditions.
- **Flexible**
Retains flexibility under a wide variety of temperature and chemical exposure.
- **Chemical Resistant**
Resistant to a wide range of chemicals - Refer METZ Chemical Resistance Chart.
- **Non-Staining**
Does not cause rust stains as with galvanised steel reinforced edges.

RECOMMENDED:

For heavy duty service as a ready-to-use movement joint in ceramic tile and brick floor systems, or in pre-sawn joints in concrete and resin floor systems.

- Food and Beverage Industry
- Pharmaceutical Manufacture
- Chemical Plants
- Roadways
- Commercial Kitchens
- Power Stations
- Industrial and Heavy Engineering Plants
- Heavy Duty Commercial Floors

NOT RECOMMENDED:

- As an expansion joint requiring movements greater than $\pm 10\%$.

DIMENSION:

- 15 mm wide x 25 mm depth (Tolerance ± 1 mm)

TECHNICAL INFORMATION:

Neoprene Rubber
(Typical Values)

Shore A Hardness:	70
Tensile Strength:	8.1 MPa
Elongation at Break:	400%

COLOUR:

Black infill, Stainless Steel edges.



CHEMICAL & CORROSION RESISTANT
MATERIALS OF CONSTRUCTION



METZ 20D/SS

PRE-FABRICATED MOVEMENT JOINT



INSTRUCTIONS FOR USE

1. Preparation

- Width of joint opening required
Standard 15mm strip 25mm joint required
- Joint opening must extend to substrate.
- Opening must be straight and parallel.
- Any bedding cement or other contamination must be thoroughly removed from sides of opening.
- Using clean rag and solvent or white spirits thoroughly remove any contamination from sides of METZ 20D/SS joint strip.

2. Installation

- Tape all floor edges for protection against grout overflow.
- Check that securing clips are fitted to the METZ 20D/SS strip at 500mm-600mm intervals.
- To support METZ 20D/SS, place a compressible bitumen impregnated foam strip 25mm x 25mm in the joint. If necessary, this strip may be of greater depth or be supported by another compressible strip such as polystyrene etc to maintain correct joint depth.
- Press the METZ 20D/SS strip into the opening and weigh down so that it is flush with the floor surface.

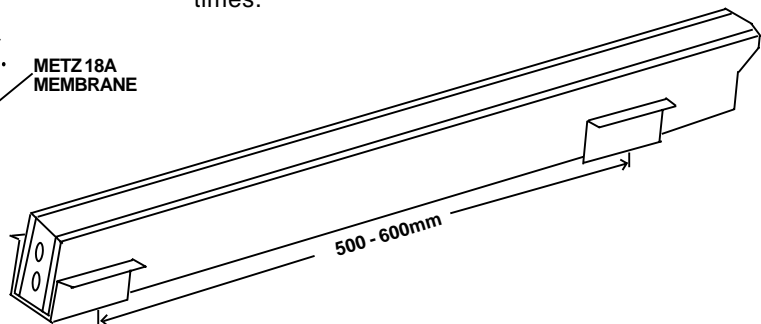
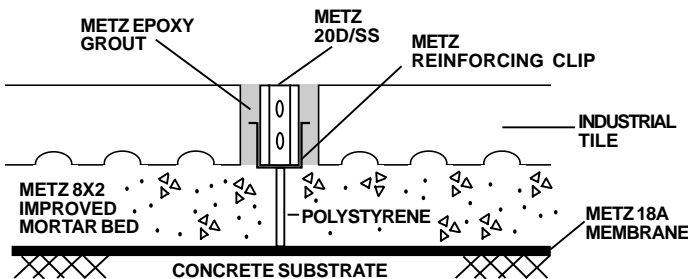
- Adjust top edge of joint so that it is level with floor surface for the full length of the strip.
- Using tapered wedges, centre joint within opening.
- Join METZ 20D/SS together end to end and at corners etc. with METZ 20B.
- Apply grout to secure.

3. Grouting

- Use METZ 19 or METZ 6M epoxy compound depending on conditions - refer to relevant data sheets. Use METZ 6M if fast set and/or bonding to damp surfaces is required. METZ 5NF can be used for increased chemical resistance if required - refer Metz Chemical Resistance Chart.
- Ensure joint is thoroughly clean. Note surface preparation required on METZ 19 or METZ 6M data sheets.
- Mix METZ 19 or METZ 6M as per data sheet, however, reduce powder content by 20% to produce a more liquid mixture.
- Gently trowel mixed grouting material down sides of joint adjacent to the securing clips to secure the METZ 20D/SS strip. Ensure that all air pockets are removed.
- Slightly overfill and strike off level with top of joint.
- When epoxy has set, remove the tapered wedges and complete the grouting.
- Remove tape before material hardens.

4. Ready for Service

Consult data sheets for METZ 19 or 6M for relevant setting times.



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