

### DESCRIPTION:

Metz 12P is a three part phenolic modified furane resin based bedding and jointing compound which is resistant to a wide range of chemicals.

### FEATURES AND BENEFITS:

- Superior Chemical Resistance  
Resistant to a wide range of chemicals including acids, alkalis, salts, fats and oils. Refer Metz Chemical Resistance Chart.
- Excellent Solvent Resistance  
Ideal for use when exposed to strong solvents.
- High Performance at Elevated Temperatures  
May be used at temperatures of up to 200°C.
- Impermeable  
Prevents ingress of aggressive liquids.
- Controlled Setting  
Hardener ratio may be adjusted to suit temperatures at time of installation.
- Quality Accreditation  
The management system governing the development and manufacture of this product is proudly ISO9001:2015 certified.

### RECOMMENDED:

Recommended for bedding and grouting acid bricks and tiles.

- Flooring
- Reaction Vessels
- Towers
- Bunds
- Acid Tanks
- Pits
- Drains

### NOT RECOMMENDED:

- For use with hydrofluoric acid. Refer Metz 12PHF.
- For use in direct contact with concrete or metal. Consult Metz for recommended membrane.
- For areas subject to immersion in strong oxidizing acids (e.g. nitric, chromic, concentrated sulphuric acid. Refer Metz 7KE, Metz Sauereisen 65, Metz 14VE or Metz 5NF).
- For areas subject to strong chemicals after limited curing times.
- For installations where dry surfaces cannot be achieved.

### PHYSICAL PROPERTIES: (Typical Values)

Temperature Limit:	200°C
Compressive Strength:	70MPa
Modulus of Elasticity:	15,000 MPa
Coefficient of Thermal Expansion:	22 x 10 <sup>-6</sup> /°C
Density:	1.95-2.05 g/cm <sup>3</sup>
Colour:	Black

### COVERAGE: Theoretical quantities (allow for wastage)

For fully bedding and jointing (nominal 3mm joint) standard 75mm thick acid brick	0.3kg/brick
For bonding bricks in independent brick wall (105mm thick)	0.2kg/brick
For fully bedding and jointing tiles 240 x 115 x 30mm (6mm joint)	15kg/sq.m.
For jointing tiles only 240 x 115 (6mm x 20mm joint)	3.0kg/sq.m.

### APPLICATION TEMPERATURE:

The recommended temperature range for application is 10°C to 30°C.

At temperatures below 10°C, curing may be inhibited and final technical properties may be affected.

At temperatures above 30°C consistency and setting rates may be affected.

If necessary consult Metz.

