METZ ACID TILES



DESCRIPTION:

Metz Acid Tiles are acid resistant, heavy duty ceramic tiles manufactured to provide chemical and wear resistant floors and linings for chemical, food & beverage plants in conjunction with Metz acid resistant fixing materials.

Metz Acid Tiles are classified as Type III under ASTM C279.

FEATURES AND BENEFITS:

- Chemical Resistant
 - Resistant to most acids (except hydrofluoric), alkalis, solvents, oils, fats and cleaning solutions.
- Low Absorption
 - Low water absorption to resist the penetration of strong chemicals and to ensure hygiene in food applications.
- Durable
 - Proven performance when used with Metz quality chemical resistant membranes, bedding, grouting and movement jointing products.
- Quality Accreditation
 - The management system governing the development and manufacture of this product is proudly ISO9001:2015 certified.

RECOMMENDED:

- Secondary containment areasTanker unloading bays
- Pits, trenches and sumps
- Production floors
- Bottling Plants
- Breweries

NOT RECOMMENDED:

- For exposure to hydrofluoric acid and other acidic compounds containing fluorine
- For exposure to hot strong caustic solutions

In both cases refer to Metz for alternative solutions

Colour: Grey Yellow

Slip Resistance: R11 - AS/NZS 4586-2004 Oil Wet Ramp Test

Nominal Size: 240x115mm Supply: 33 pieces per m²

Standard Thickness: 14, 18, 25, 30 and 40mm

Cove: 240 x 105 mm effective height, radius 30mm

Note: Other thicknesses, colours, special pieces and finishes available for major projects.

TECHNICAL PROPERTIES:

Bulk density (EN ISO 10545-3)

Water absorption (EN ISO 10545-3)

<1.0%

Linear thermal expansion (WAK 20-100°C) (EN ISO 10545-8) Determination of resistant to deep abrasion (EN ISO 10545-6)

Modulus of rupture (EN ISO 10545-4)

Acid Solubility (ASTM C279)

(DIN EN993-16)

Cold crushing strength (DIN EN993-5)

 $2.30-2.33 \text{ g/cm}^3$

 $5.5 \times 10^{-6} \text{K}^{-1}$ < 185mm^3

 $>40N/mm^2$

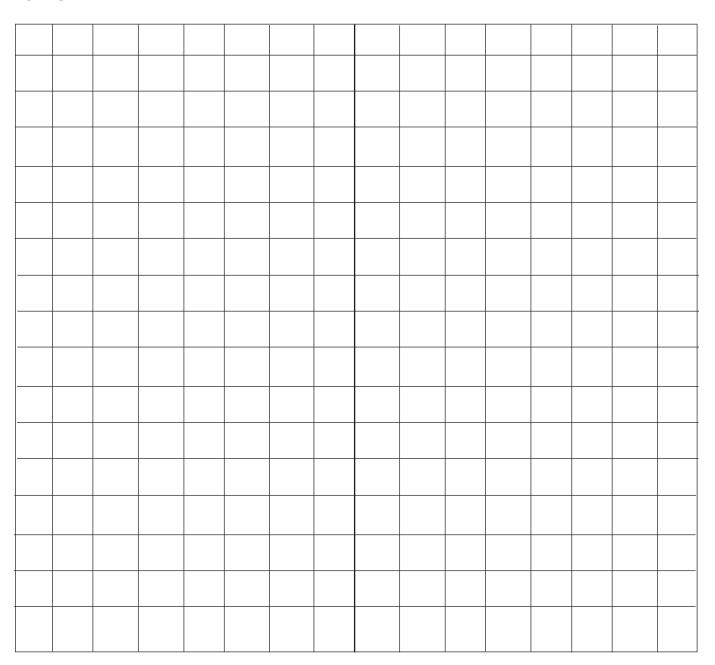
<4% by weight (Type III <8%) 0.9 - 1.2% by weight

 $>150N/mm^{2}$





NOTES



Always ensure you have the latest data sheet version, refer www.metz.net.au

- 1. The customer must comply strictly with the instructions contained in this product data sheet. Metz is not responsible for any advice or variations to this data sheet which are not confirmed in writing.

 2. If the customer has a claim against Metz in respect of any product supplied to the customer by Metz whether due to a fault in the product or the
- negligence or breach of contract by Metz or for any other reason:

 a) Metz shall not be liable for any loss or damage including consequential loss or damage or loss of profits arising thereby;

 b) Metz may at its option replace the defective product free of charge to the customer or refund all payments made to it by the buyer in respect of

 - the defective product; and the maximum liability of Metz shall be the cost of replacing the defective product.