

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 areas
- Tanker 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 m ²
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)		2.30-2.33 g/cm ³
Water absorption (EN ISO 10545-3)	<1.0%	
Linear thermal expansion (WAK 20-100°C) (EN ISO 10545-8)		5.5 x 10 ⁻⁶ K ⁻¹
Determination of resistant to deep abrasion (EN ISO 10545-6)		< 185mm ³
Modulus of rupture (EN ISO 10545-4)		>40N/mm ²
Acid Solubility (ASTM C279)		<4% by weight (Type III <8%)
(DIN EN993-16)		0.9 - 1.2% by weight
Cold crushing strength (DIN EN993-5)		>150N/mm ²

