

Mapeset 222: Product Information Sheet

Description:	High performance cementitious adhesive with extended open time for ceramic tiles and stone material. Mapeset 222 is a C2E class cementitious (C), improved (2), extended open time (E) adhesive.
Uses:	Bonding all types of ceramic tile (porcelain, single-fired, terracotta, double-fired, klinker, etc.) and mosaic on internal and external floors and walls.
Some application examples:	For front and reverse side fixing of ceramic mosaics and absorbent ceramic tiles on: ▪ Cement-rendered walls ▪ Brick walls ▪ Cementitious based screed, sufficiently dry and cured
Consumption and tools:	▪ Small formats ceramic tiles (trowel no. 4) about 2kg / m² ▪ Normal sizes ceramic tiles (trowel no. 5) about 2.5-3kg / m² ▪ Tiles with rough back or irregular substrate (trowel no. 10) about 6kg / m²
Packaging:	20kg paper bags
Colours:	Grey
Storage:	12 months stored in a dry place

Product and application data: (at +23°C and 50% R.H.)

Consistency:	powder
Color:	grey
Bulk density (kg/m ³):	1,300
Dry solid content (%):	100
Mixing ratio:	100 parts Mapeset 222 with 27-29 parts of water by weight
Mix consistency:	Pasty
Density of mix (kg/m ³):	1,600
pH of mix:	13
Application temperature (°C):	From +5 C to +40 C
Open time (according to EN1346):	Approx. 30 minutes
Adjustability time:	Approx. 60 minutes
Set to light foot traffic:	24 hours
Ready for use:	14 days

Performance:

Adhesion according to EN1348 (N/mm ²)	
-initial adhesion (after 28 days)	2.0
-adhesion after heating:	1.1
-adhesion after water immersion:	1.4
Resistance to alkaline:	excellent
Resistance to oils:	excellent (poor for vegetable oils)
Resistance to solvent:	excellent

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION:

Contains cement that when in contact with sweat or other body fluids produce an irritant alkaline reaction. Use protective gloves and goggles. For further information refer to safety data sheet.

Important notes

- This product is intended for sale through retail outlets only. While the products in our retail range are designed with knowledge gained from extensive project experience and conform to the highest MAPEI quality standards, they are not intended for use in commercial-scale projects. Therefore, no technical support will be attendant on the sale of these products.
- For product recommendations in projects requiring technical support and attendance, please contact MAPEI at mapei@mapei.com.my.