

Outline Specification

Mapei Planiseal 88, is an osmotic cementitious mortar suitable for contact with drinking water, for waterproofing masonry and concrete structures.

Introduction	This specification is for the application of Planiseal 88 onto suitably prepared substrates such as concrete, existing floors, sand: cement screeds and renders.
Surface Preparation	Paint or other coatings should be removed. Substrate must be sound, stable, and clean. There should be no active water leaks. If these are present, they should be treated with Lamposilex. Any cracks and joints should be opened and filled with appropriate product from Mapegrout range. Prior to application thoroughly saturated with clean water, there should be no ponding of water and the surface should be SSD condition.
Mixing	Place 5.25 to 5.75 litres of water into a clean container then slowly add the powder whilst mixing with an electric mixing paddle. Ensure that no powder adheres to the sides or bottom of container. Leave mix to stand for 10 minutes then remix before use. Do not mix by hand
Application	Planiseal 88 is applied by trowel, brush, or spray. Application is normally 2 or 3 coats each layer applied to a minimum 1mm. The final thickness should be 2 -3mm. Apply a second coat once the first coat has dried sufficiently (approximate 5 - 6 hours) at 90 to the first coat ensuring a minimum overall thickness of 2 - 3 mm.
Curing	Planiseal 88 should be protected from premature drying using by spraying with a fine water mist. Ready to use in 7 days.
Consumption	Approximately 1.5 kg/mm per m ² (Consumption rate will vary depending on surface profile.)
Package	Bags of 25kg
Storage	Bags can be stored up to 12 months in its original pack in a dry place.
Additional system components	Lamposilex
Additional Information	Please consult Health & Safety, system, product and application data or contact our Technical Services Department on 0121 5086970 or email technical@mapei.co.uk .

If you require a full NBS, letter recommendation, further specification information or standard details, please email specifications@mapei.co.uk

Technical Information:

Planiseal 88: one-component, normal-setting, osmotic cementitious mortar for protecting and waterproofing concrete: conforms to the requirements of EN 1504-2 coating (C) according to the MC and IR principles.

PRODUCT IDENTITY

Appearance/material:	Powder – white or grey
Maximum size of aggregate (mm):	0.4
Bulk density (kg/m ³):	1300
Dry solids content (%):	100

TECHNICAL PERFORMANCE

Mixing water:	21-23% (5.25 – 5.75 litre for each 25kg bag)
Consistency of mix:	Fluid – trowelable
Density of the mix (kg/m ³):	1800
Application temperature range:	+5°C to +35°C
In service temperature range:	-30°C to +90°C
Pot Life:	Approximately 1 hour
Application of successive coat:	After 5 hours, and no later than 24 hours.
Ready to use:	7 days

NOTICE

The information contained herein and any other advice, are given in good faith based on Mapei's current knowledge and experience, and are adequate when the products are properly stored, handled and applied under normal conditions, in accordance with Mapei's recommendations. The information only applies to the applications and products expressly referred to herein and are based on laboratory tests which do not replace practical tests and may not fully reflect actual performance on site where application and service conditions will be different. In case of changes in the parameters of the application, such as differences in substrates, temperature and ambient moisture, etc., or in case of different service conditions, consult your local Mapei Technical Assistance prior to using the products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The specialist contractor is responsible for strictly following the application recommendations contained in the available documentation. Users must always refer to the most recent local Technical Data Sheet for the product concerned which can be obtained from the web-site or local Mapei representative.