

MasterSeal[®] TC 245

Two component PUR coating for parking and deck areas

Description

MasterSeal[®] TC 245 is a solvented two component polyurethane coating which when applied to MASTERTOP epoxy primers or coating systems produces a permanently elastic, wear, abrasion and UV resistant surface. It is available in gloss finish. It can be applied as coating on walls.

Primary Uses

With its excellent elasticity, abrasion and UV resistance MasterSeal[®] TC 245 is suitable for non exposed and exposed applications in parking areas and other locations which include but are not limited to the following:

- Pedestrian walkways
- Car parks
- Vehicle ramps
- Traffic aisles
- Helipads.
- External walls

Advantages

- High abrasion resistance.
- UV resistant
- Excellent adhesion to primed substrates
- Solar reflective

Colours

Clear or pigmented to most RAL or BS Colours.

Packaging

MasterSeal[®] TC 245 is supplied in 20 Ltrs.

MasterSeal[®] P 245 Primer is supplied in 4 liter packs.

Coverage

MasterSeal[®] TC 245 is applied as two coats at 6 m²/ litre per coat.

MasterSeal[®] P 245 Primer is applied at 5m²/ litre.

Typical Properties*

Tensile strength	≥ 50 N/mm ²
Bond strength	3 MPa
Permeability	0
Touch Dry	2 hours at 40°C
Over-coating Time	16 - 24 hrs at 25°C
Pot life	4 hours at 25°C
Abrasion resistance	less than 50 mg

Chemical resistance

MasterSeal[®] TC 245 is resistant to a wide range of chemicals:

- Gasoline
- Motor oil
- Diesel oil
- Detergents
- Concentrated acids

Note: For a full list of chemical resistance please contact your local Master Builders Solutions Office.

Application guide

Preparation

Remove laitance, weak or friable concrete and contaminants that could affect the bond to the substrate.

Suitable preparation includes light grit blasting, surface grinding or captive shot blasting. Repair surface defects using MasterBrace ADH 2200 or other suitable repair compound from the

Master Builders Solutions **MasterEmaco** or **MasterBrace**.

Priming

Stir both components of MasterSeal[®] P 245 Primer before combining. Add part B into Part A and mix with a slow speed drill (200-300 rpm) and paddle for 3 minutes.

For a non-slip finish, broadcast approx. 1kg/m² of the selected MASTERTOP SRA.

Note: If a smooth surface finish is required, omit the MASTERTOP SRA.

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Allow to dry (16 to 24 hours at 25OC). After drying remove excess MASTERTOP SRA by vacuum or sweeping.

Application

Stir both components of MasterSeal® TC 245 before combining.

Add Part B to Part A and mix with a slow speed drill (200 - 300 rpm) and suitable paddle attachment for five minutes.

Apply MasterSeal® TC 245 by roller or airless spray to the primed tack free surface. Apply at the rate of 6m2/ liter per coat in two coats allowing 16 to 24 hours between coats.

Storage

Store under cover out of direct sunlight and protect from extremes of temperatures. In tropical climates the product must be stored in an air conditioned environment.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult Master Builders Solutions 's Technical Department.

Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local

Master Builders Solutions representative. Master Builders Solutions reserves the right to have the true cause of any difficulty determined by accepted test methods

Quality and care

All Master Builders Solutions Products are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health and safety standards of ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 standards.

* Properties listed are based on laboratory controlled tests.

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