

MasterSeal® TC 244

Two component PUR coating for parking and deck areas

DESCRIPTION

MasterSeal TC 244 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 244** 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
- Bridges dynamic cracks
- Excellent adhesion to primed substrates
- Solar reflective

Colors

Clear or pigmented to most RAL or BS Colors.

Packaging

MasterSeal TC 244 is supplied in 25 liters.

MasterSeal P 244 Primer is supplied in 5 liter packs.

Coverage

MasterSeal TC 244 is applied as two coats at 6m²/ liter per coat.

MasterSeal P 244 Primer is applied at 5m²/ liter.

Typical Properties*

Mixing ratio Part A/ Part B	4 : 1 by volume.
Tensile strength	10 N/mm ²
Bond strength	3 MPa
Permeability	0
Touch Dry	4 hours at 25°C
Over-coating Time	16 - 24 hrs. at 25°C
Pot life	4 hours at 25°C

Chemical resistance

MasterSeal TC 244 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 **MasterTop P 244** 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**. Allow to dry (16 to 24 hours at 25°C). After drying remove excess **MasterTop SRA** by vacuum or sweeping.

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Application

Stir both components of **MasterSeal TC 244** 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 244** 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 and Master Builders Solutions ESHQ recommendations.

* Properties listed are based on laboratory controlled tests.

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CONTACT

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Disclaimer:

In view of widely varying site conditions and fields of application of our products, this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical help-line for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with Master Builders Solutions and possible resulting damages are in the sole responsibility of the customer.

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