

# MasterSeal<sup>®</sup> TC 640 (Eski Adı Masterseal<sup>®</sup> 640 Topcoat)

## Aliphatic, UV Resistant Single Part Polyurethane Topcoat

### DESCRIPTION OF PRODUCT

**MasterSeal<sup>®</sup> TC 640** is a single part, polyurethane based finishing topcoat for UV protection of polyurethane membranes.

### FIELDS OF APPLICATION

**MasterSeal<sup>®</sup> TC 640** is recommended for:

- UV protection for exposed applications.
- For certified systems using **MasterSeal<sup>®</sup> TC 640**.
- Top Coat for MasterSeal Roof systems.

Contact the Technical Service of your local Master Builders Solutions office regarding any application required not mentioned here.

### FEATURES AND BENEFITS

- Single part product that allows simple application without the need of mixture.
- Easy application by brush and roller.
- Excellent adhesion.
- UV resistant. Colour stability.
- Fast Curing.
- Frost resistant.
- Withstands pedestrian traffic.

### APPLICATION PROCEDURE

**Preparation of Substrate** Product should be applied clean, dry and free of any substances which may impair adhesion. Application should take place within the re-coat intervals of the coating to which it is to be applied.

#### Application

**MasterSeal<sup>®</sup> TC 640** is applied, normally in two coats. Stir to homogenize. And apply homogeneously covering the substrate using a brush, a short hair roller or an air-less spray gun.

#### Mixing

**MasterSeal<sup>®</sup> TC 640** should be mixed before apply.

### WATCH POINTS

- The product must not be applied when the temperature is below +5 °C or above 35 °C.
- Do not mix solvents, sand or other products that could affect the products properties must not be added.
- High humidity and temperature during hardening can affect final appearance, specially gloss.
- The product performance effect from surface and ambiance conditions.
- Do not apply on wet and damp surface.
- Not recommended for unsound substrates and thick application.

## TECHNICAL DATA

Property	Unit
Color	White - Grey
Density	1,20 ± 0,05 kg/litre
Viscosity	100 – 500 cp
Shore A Hardness	>75
Elongation at Break	>400%
Tensile Strength (N/mm <sup>2</sup> )	>10
QUV Accelerated Weathering Test (ASTM)	Pass (2000 hours)
Application Temperature	+5 °C to +35 °C
Service Temperature	-20 °C to +80 °C
Tack free time	4-6 hours
Re-coating interval	24 hours

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#### CLEANING

Removal of fresh remnants from tools and application equipment can be carried out using solvent immediately after use. Hardened and/or cured material can only be removed mechanically.

#### PACKAGING

20 kg tin

#### STANDARD COLORS

White  
Grey

#### CONSUMPTION

Coverage is approximately total 0,20- 0,50 kg/ m<sup>2</sup> in one or two coats depending on traffic conditions. These consumptions are theoretical and can vary according to the application conditions. It is essential to carry out representative trials on site to evaluate the exact consumption.

#### STORAGE CONDITION

The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between 5 °C and +25 °C. Higher storage temperatures may reduce shelf life of product.

#### SHELF LIFE

12 months from date of production

#### HEALTH AND SAFETY PRECAUTIONS

Work cloth, protective gloves, goggles and masks concordant with Work and Worker Health rules must be used during the application. Due to irritant effects of the non-cured material, avoid contact to skin and eyes during storing and application. If such a contact occurs, it must be washed by soap and plenty of water. Consult a physician urgently if swallowed. Food and drink must be kept outside the application areas. Must be stored away from children. Please look at the Material Safety Data Sheet for detailed information.

#### DISCLAIMER

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#### CONTACT INFORMATION

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**MasterSeal® TC 640** Technical Data Sheet -Revision  
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