

MasterSeal TC 268

Two-component pigmented elastomeric polyurethane finish, UV resistant, for MasterSeal Traffic systems 2259, 2389, 2264, 2205 and 2272.

MATERIAL DESCRIPTION

MasterSeal TC 268 is a two-pack, coloured, semi-gloss finish, low dirt picking, high solids, elastic, UV resistant, polyurethane protective coating.

FIELDS OF APPLICATION

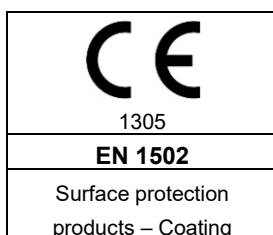
MasterSeal TC 268 is primarily used as the top coat in outdoor car park waterproofing systems as protection and finishing layer for broadcasted wear coats. MasterSeal TC 268 is used as the final layer of the MasterSeal Traffic 2259, 2389, 2264, 2205, 2272 drive-over systems. In some cases it can also be used in the MasterSeal Roof 2111 system.

FEATURES AND BENEFITS

MasterSeal TC 269 has the following peculiarities:

- adheres monolithically to the support;
- driveway;
- elastic, crack bridging class A3 (0.5 – 1.25 mm) UNI EN 1504/2;
- resists the aggressive action of petrol, diesel, car battery acid and de-icing salts.
- High wear and abrasion resistance. High durability in trafficked surfaces.
- UV resistant. Stable colours and mechanical and elastic properties even exposed to outdoor weathering.
- Dirt resistant, easy to clean and maintain.
- Low viscosity. Easy to apply to a thin, continuous and homogeneous layer.
- Long open-time. Easy manipulation and application.
- Fast curing. Minimum downtime on maintenance operations.

In compliance with the European Regulation (EU No 305/2011 and EU No. 574/2014) the product is provided with the CE marking according to UNI EN 1504-2 and the relative DoP (Declaration of Performance).



CONSUMPTION

0,45 - 0,70 kg/m².

STORAGE

Store in original containers under dry conditions at a temperature between 15 – 25°C. Do not expose to direct sunlight.

PACKAGING

MasterSeal TC 268 is supplied in 16 kg (9.15 + 6.85 kg) working packs.

| Technical data | |
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| Packaging | 16 kg cans (A+B) A: 9.15 kg B: 8.65 kg |
| Mixing ratio | 100 A / 75 B |
| Consumption | 0,45 – 0,7 kg/m ² |
| Solid content | 90% |
| Viscosity at 20°C | A+B: 350 mPa·s A: 3000 mPa·s B: 100 mPa·s |
| Pot life | 10°C: 45 minutes 20°C: 30 minutes 30°C: 20 minutes |
| Density | A+B: 1,21 kg/l A: 1,5 kg/l B: 1,02 kg/l |
| Recoating times (min – max) | 10°C: 24 – 72 h 20°C: 8 - 72 h 30°C: 3 - 48 h |
| Safe in case of rain | 10°C: 48 h 20°C: 24 h 30°C: 12 h |
| Complete polymerization at 23°C / 50% RH | 5 days |
| Relative humidity tolerated | Max 85% |
| Tensile strenght DIN 53504 | 18 Mpa |
| Tear resistance DIN 53504 | 45 N/mm |

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APPLICATION SHEET

SURFACE PREPARATION

The coating to which MasterSeal TC 268 is to be applied must be clean and dry and free from oil, grease and loose material and any other substance which may impair adhesion. Important: Application needs to be done in one single layer; due to easy to clean surface it can't be overcoated with itself.

MIXING

MasterSeal TC 268 is supplied in working packs which are pre-packaged in the exact ratio. Before mixing, precondition both A and B components to a temperature of approximately 15 to 25 °C. Pour the entire contents of Part B into the container of Part A. DO NOT MIX BY HAND.

Mix with a mechanical drill and paddle at a very low speed (approx. 300 rpm) for at least 3 minutes. Scrape the sides and the bottom of the container several times to ensure complete mixing. Keep the mixer blades submerged in the coating to avoid introducing air bubbles.

DO NOT WORK OUT OF THE ORIGINAL CONTAINER. After proper mixing to a homogeneous consistency pour the mixed Parts A and B into a fresh container and mix for another minute.

APPLICATION

MasterSeal TC 268 should be spread evenly with asqueegee followed by back rolling.

The curing time of the material is influenced by the ambient, material and substrate temperatures. At low temperatures, the chemical reactions are slowed down; this lengthens the pot life, open time and curing times. High

temperatures speed up the chemical reactions thus the time frames mentioned above are shortened accordingly. To fully cure, the material, substrate and application temperature should not fall below the minimum. Following application the material should be protected from direct contact with water for approx. 16 hours. The temperature of the substrate must be at least 3 K above the dew point both during the application and for at least 16 hours after application (at 15 °C).

CLEANING

Re-usable tools must be cleaned carefully with MasterTop CLN 44 or with e.g. isopropanol while still wet. Once cured, the material can only be removed mechanically.

WATCH POINTS

Do not apply at temperatures below +5 °C nor above 35 °C. Solvents, sand or other products that could affect the product properties must not be added.

EU REGULATION 2004/42 (DECOPAINT GUIDELINE)

This product conforms to the EU directive 2004/42/EG (Deco-Paint directive) and contains less than the maximum allowable VOC limit (Stage 2, 2010) According to the EU directive 2004/42, the maximum allowable VOC content for Product Category IIA / j is 500 g/l (Limit: Stage 2, 2010). The VOC content for MasterSeal TC 268 is < 500 g/l (for the ready to use product).

SAFETY INSTRUCTION

In its cured state, MasterSeal TC 268 is physiologically non-hazardous. The following protective measures should be taken when working with the material:

Wear safety gloves, goggles and protective clothing.

Avoid contact with the skin and eyes. In case of eye contact, seek medical attention. Avoid inhalation of the fumes.

When working with the product do not eat, smoke or work near a naked flame. For additional references to safety hazard warnings, regulations regarding transport and waste management please refer to the relevant Material Safety Data Sheet. The regulations of the local trade association and/or other authorities, regulating safety and hygiene of workers handling epoxy resins must be followed For information on the correct and safe use, transport, storage and disposal of the product, consult the most recent Safety Data Sheet.

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OTHER SERVICES

For price analysis, specifications, supplementary brochures, references, reports and technical assistance, visit the website www.master-builders-solutions.com/it-it or contact infomac@mbcc-group.com.

Scan the QR code to visit the product page and download the latest version of this datasheet.



Since 16/12/1992, Master Builders Solutions Italia Spa has been operating under a Certified Quality System compliant with the UNI EN ISO 9001 Standard. Furthermore, the Environmental Management System is certified according to the UNI EN ISO 14001 Standard and the Safety Management System is certified according to the UNI ISO 45001 Standard.

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This version supersedes all the previous ones.