

MasterSeal TC 269

Two-component colored elastomeric polyurethane finish, UV resistant, of the MasterSeal Roof 2111 and MasterSeal Roof 2160 systems.

MATERIAL DESCRIPTION

MasterSeal TC 269 is a two-component, colored, glossy finish, low dirt pickup, high solid, UV resistant polyurethane elastomeric film-forming protective coating.

FIELDS OF APPLICATION

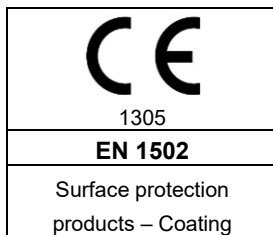
MasterSeal TC 269 is used as a UV and weather resistant protective top sealer on exposed, elastic polyurethane membranes MasterSeal M 811 and M 860 that are included in following roofing systems: MasterSeal Roof 2111 MasterSeal Roof 2160 .

FEATURES AND BENEFITS

MasterSeal TC 269 has the following peculiarities:

- excellent UV and weather resistance;
- superior adhesion even when permanently exposed to water;
- dirt resistant, easy to clean and maintain;
- highly elastic;
- long open-time, easy application.

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

0,30 - 0,40 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 269 is supplied in 10 kg (6.65 + 3.35 kg)

working packs.

| Technical data | |
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| Packaging | 10 kg cans (A+B) A: 6,65 kg B: 3,35 kg |
| Mixing ratio | 2 A / 1 B |
| Consumption | 0,3 – 0,4 kg/m ² |
| Solid content | 88% |
| Viscosity at 20°C | A+B: 700 mPa·s A: 4650 mPa·s B: 200 mPa·s |
| Pot life | 10°C: 50 minutes 20°C: 40 minutes 30°C: 25 minutes |
| Density | A+B: 1,20 Kg/l A: 1,74 kg/l B: 1,07 kg/l |
| Recoating times (min – max) | 10°C: 8 - 48 h 20°C: 5 - 48 h 30°C: 3 - 24 h |
| Safe in case of rain | 10°C: 6 h 20°C: 4 h 30°C: 2 h |
| Complete polymerization at 23°C / 50% RH | 5 days |
| Relative humidity tolerated | Max 85% |
| Elongation at break DIN 53504 | 165% |
| Tensile strenght DIN 53504 | 12 Mpa |
| Tear resistance DIN 53504 | 70 N/mm |

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APPLICATION SHEET

SURFACE PREPARATION

The coating to which MasterSeal TC 269 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. Application should take place within the re-coat intervals of the membrane to which it is to be applied.

MIXING

MasterSeal TC 269 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 269 should be spread evenly with a squeegee followed by back rolling. MasterSeal TC 269 is applied normally in one layer. 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°C 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.

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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)

The VOC content for MasterSeal TC 269 is < 500 g/l (for the ready to use product).

According to the EU directive 2004/42, the maximum allowable VOC content for the Product Category BS/j is 500 g/l (Since 01/2010).

SAFETY INSTRUCTION

For information on the correct and safe use, transport, storage and disposal of the product, consult the most recent Safety Data Sheet.

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.



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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.

Master Builders Solutions Italia Spa

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For further information, please consult the local Technician of Master Builders Solutions. The technical advice on how to use our products, either written or verbally given, are based on the current state of our scientific and practical expertise, and does not imply the assumption of any guarantee and/or responsibility for the final results of works executed using our products.

Therefore, the customer is not exempted from the exclusive task and responsibility of verifying the suitability of our products for the intended use and purposes.

This version supersedes all the previous ones.