

MasterTop® 1324 A R

Universal polyurethane system, slip resistant, for asphalt screeds

DESCRIPTION

MasterTop® 1324 A R, is a polyurethane based, easily cleaned, hygienic floor coating system with non-slippery rough surface and a high resistance against mechanical and chemical effects, which is used over asphalt floors that are exposed to medium grade mechanical and chemical effects.

FIELDS OF APPLICATION

- Storehouses,
- Production areas,
- Laboratories,
- Chemistry and medicine industry,
- Shopping centers and supermarkets,
- Aircraft hangars,
- Exhibition and fair grounds,
- Garages.

FEATURES AND BENEFITS

- Easy to apply.
- High mechanical resistances.
- Surface structure that does not allow the formation of microbes.
- Easily cleaned to create hygienic environments.
- The capacity to cover up cracks.
- Semi-flexible.

WATCH POINTS

- Avoid application under excessive heat or wind and/or when the ambient and/or substrate temperature is below +10 or above +30°C.
- The materials to be used at the appropriate temperatures should be brought and stored in the application area 1-2 days prior to the application and enabled to adjust the ambient conditions.
- In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product, the packages should be preconditioned to +20 - +25°C to become ready to use.
- Epoxy and polyurethane based floor coatings should be applied by specialists.
- The reaction and workability times of resin based systems depend on the ambient and substrate temperatures as well as the relative humidity. Under lower temperatures, the chemical reaction times are prolonged and this increases the pot life, coating interval and the working time. In addition to this, the consumption is increased as the viscosity increases. High temperatures ignite stronger chemical reactions and the above mentioned times decrease accordingly. For the material to be cured properly, the ambient and the substrate temperatures should not fall below the specified limits. After the application, the Material should be protected from direct contact with water for 24 hours minimum. Within this period, a contact with

water may cause a surface carbonation and/or tackiness; both of which will cause the coating to lose its characteristics. In such cases, the overall coating should be removed from the floor and renewed.

- The empty packs should be consolidated and disposed properly in order to prevent reusing of the packages.
- For detailed information about how to use the products, the Technical Product Information Brochures should be referred.

DISCLAIMER

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. **Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Ltd. Şti.** is only responsible for the quality of the product **Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Ltd. Şti.** is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones.

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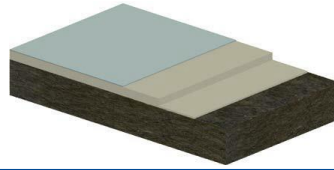
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MasterTop® 1324 AR Technical Data Sheet -Revision
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MasterTop[®] 1324 A R

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TECHNICAL CHARACTERISTICS

| | | | Consumption ca.: |
|--|--------------------------------------|--|------------------------------|
| | Scratch primer | MasterTop BC 375 N Pigmented, PU, 2-component, non-solvented. 1:0,3 filled with oven dried silica sand, size 0,1-0,3 mm | 2.0 – 2.5 kg/m ^{2*} |
| | War coat | MasterTop BC 375 N Pigmented, PU, 2-component, non-solvented. 1:0,3 filled with oven dried silica sand, size 0,1-0,3 mm | 1.5 – 2.0 kg/m ² |
| | Sand broadcast | Oven dried silica sand, size 0,3-0,8 mm or 0,6-1,2 mm. | 0.8 – 1.0 kg/m ² |
| | Top coat Option 1 | MasterTop BC 325 N ** Pigmented, PU, 2-component, non-solvented. | 0.5 – 0.9 kg/m ² |
| | Top coat Option 2 | MasterTop TC 373 *** Pigmented, EP, 2-component, non-solvented. (total solid), glossy | 0.5 – 0.9 kg/m ² |
| | Top coat Option 3 | MasterTop TC 681 *** Pigmented, polyaspartic, 2-component contains solvent, elastic, glossy, UV-stable | |
| | Total thickness of the system | Ca. 2.0 – 3.0 mm | |

Remark: Consumptions are indicative and may be higher, depending on substrate roughness, temperature and porosity, as well as waste produced during application.

* Consumption incl. filler

** Is not UV-stable

*** Do not meet the requirements of AgBB regarding emissions.