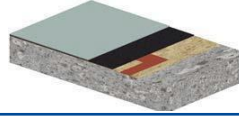


MasterTop® 1273 AS



Medium load bearing, self leveling, low emission (AgBB conformity), anti-static epoxy system with a smooth finish

DESCRIPTION

MasterTop® 1273 AS, is an epoxy based, easily cleaned, hygienic, self leveling floor coating system with smooth surface and high level of mechanical and chemical abrasion resistances, which is used in floors where an antistatic surface (a surface that does not keep static electricity on the surface but conducts it to the ground) is desired.

FIELDS OF APPLICATION

- Operating rooms,
- Aircraft hangars,
- Places where chemicals with explosive or flammable characteristics are produced, stored and used,
- Places like data processing rooms where there are sensitive electronic equipments in order to protect them from static charges.

FEATURES AND BENEFITS

- Easy to apply.
- Displays perfect antistatic properties after it is completely cured.
- High mechanical and chemical resistances.
- Surface structure that does not allow the formation of microbes.
- Easily cleaned to create hygienic environments.

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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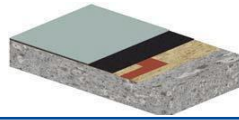
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MasterTop® 1273 AS Technical Data Sheet -Revision
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TECHNICAL CHARACTERISTICS

		Consumption ca.:
	Primer	<p>MasterTop P 617 Clear, EP, 2 component, non-solvented (total solid)</p> <p style="text-align: right;">0.3 – 0.5 kg/m²</p>
	Optional/ Scratch primer	<p>MasterTop P 617 Filled 1: 0,5 with oven dried silica sand, size 0,1-0,3 mm</p> <p style="text-align: right;">0.6 – 1.0 kg/m²*</p>
	Grounding	<p>Copper strips (distance max. Between copper strips: 10m)</p>
	Conductive primer	<p>MasterTop P 687 W AS EP, 2 component, water borne, conductive, black primer for anti-static flooring</p> <p style="text-align: right;">0.08 – 0.10 kg/m²</p>
	Body coat	<p>MasterTop BC 372 AS Pigmented, EP, 2 component, non-solvented (total solid), glossy</p> <p style="text-align: right;">2.2 – 2.5 kg/m²</p>
Total thickness of The system		Ca. 1.5 – 2.5 mm

Remark: Should you exceed the re-coating interval or in case heavy mechanical loads, you have to broadcast sand at the surface of primer/scratch primer. Broadcasted surfaces have to be grinded only on the places where the conductive grounding will be stuck.
 Resistance to ground: 104-106 Ohm (EN 1081)
 Consumptions are indicative and may be higher, depending on substrate roughness, temperature and porosity, as well as waste produced during application.
 * Total consumption including sand.