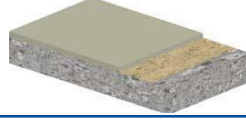


# MasterTop® 1273



Low emission (AgBB conformity), self-leveling, medium to heavy load bearing epoxy system with a smooth surface

## DESCRIPTION

**MasterTop® 1273**, s and epoxy based, smooth surfaced, easily cleaned, hygienic, self-leveling floor coating system used on floors which are exposed to medium.

## FIELDS OF APPLICATION

- Medium to heavy industrial wear
- On concrete and cement screeds
- Warehouses
- Production areas
- Laboratories
- Pharmaceutical and other medical or laboratory situations
- Supermarkets and shopping malls
- Aircraft hangars
- Exhibition halls
- Carparks

## FEATURES AND BENEFITS

- Exhibits excellent mechanical strength
- Application as self-leveling body coat on smooth surfaces and as top coat on broadcasted surfaces
- Low emissions: AgBB conform
- Extremely resistant if exposed to medium to heavy industrial wear
- Abrasion resistant
- Easy to apply
- Easy to clean and maintain
- Resistant to water, sea and waste water, variety of alkalis, diluted acids, brine, mineral oils, lubricants and fuels.

## 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

## CONTACT INFORMATION

**Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Ltd. Şti.**

Adres: Barbaros Mah. Begonya Sok.

Nidakule Kuzey Ataşehir, C Kapısı

No:3 E/5, 34746 Ataşehir İstanbul / Türkiye

Tel: 0216 217 88 00

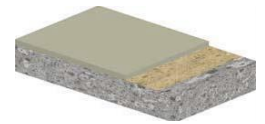
Mail: [mbs.tr@mbcc-group.com](mailto:mbs.tr@mbcc-group.com)

Web: [www.master-builders-solutions.com/tr-tr](http://www.master-builders-solutions.com/tr-tr)

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**MasterTop® 1273** Technical Data Sheet -Revision Date: 12/2020






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## TECHNICAL CHARACTERISTICS

Consumption ca.:

	<b>Primer</b>	<b>MasterTop P 604</b> (or P 617) yellowish, EP, 2 component, pre-filled	0.3 – 0.5 kg/m <sup>2</sup>
	<b>Sand Broadcast *</b>	Oven dried silica sand, size 0,3-0,8 mm, uniformly applied, not in excess	0.8 – 1.0 kg/m <sup>2</sup>
	<b>Optional Scratch Primer</b>	<b>MasterTop P 604</b> (or P 617) <i>Filled 1 : 0,5 up to 1:1 with oven dried silica sand, size 0,1-0,3 mm</i>	0.6 – 2.0 kg/m <sup>2</sup> **
	<b>Sand Broadcast</b>	oven dried silica sand, size 0,3-0,8	2.0 – 3.0 kg/m <sup>2</sup>
	<b>Body Coat</b>	<b>MasterTop BC 372</b> pigmented, EP, 2 component, low emission Filled till 1:0,7 with oven dried silica sand, size 0,1- 0,3 mm	3.5 – 5.0 kg/m <sup>2</sup> **
	<b>Optional Top Coat***</b>	<b>MasterTop TC 442 W (pigmented)</b> pigmented, PUR, 2 component, water-based, UV resistant, silk-mat	0.08 – 0.10 kg/m <sup>2</sup>
	<b>Optional Top Coat 2</b>	<b>MasterTop TC 442 W (transperant)</b> clear, PUR, 2 component, water-based, UV resistant, silk-mat	0.10 – 0.15 kg/m <sup>2</sup>
	<b>Total thickness of The system</b>	2.5 – 5.0 mm	

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

\* MasterTop P 604 needs only to be broadcasted with silica sand if the re-coating inter-vals are not respected

\*\* Total consumption including sand. The consumption depends on the filling ratio and the roughness of the surface.

\*\*\* The use of a mat finish top coat or the broadcasting of aggregates (for ex MasterTop Texture fine) is required in order to reach a slip resistant surface.