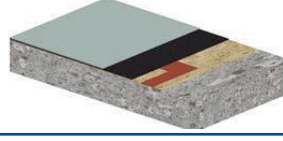


# MasterTop® 1324 AS



Polyurethane based, antistatic, low emission, flooring system, with smooth coating, for industrial floors with low to medium loads, where some crack bridging properties and especial performance of antistatic are desired (EN 1081)

## DESCRIPTION

**MasterTop® 1324 AS**, is a polyurethane based, easily cleaned, hygienic, self leveling, smooth surfaced floor coating system, for medium-heavy pedestrian traffic, which is used in floors where an antistatic surface (a surface that does not keep the static electric on the surface but conducts it to the ground) is desired.

## FIELDS OF APPLICATION

- Operation Rooms,
- Aircraft hangars,
- Places where chemicals with explosive or flammable characteristics are produced, stored and used,

## FEATURES AND BENEFITS

- Easy to apply.
- High anti-static properties after the curing.
- High mechanical and chemical resistance.
- Antimicrobial surface properties.
- Easy to maintain and clean.
- Crack bridging properties.

## 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

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## CONTACT INFORMATION

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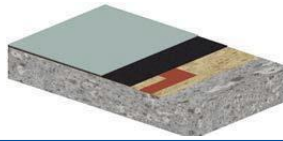
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**MasterTop® 1324 AS** Technical Data Sheet -Revision  
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## TECHNICAL CHARACTERISTICS

Consumption ca.:

	<b>Primer</b>	<b>MasterTop P 617,</b> Clear, EP, 2 component, non-solvented (total solid)	0.3 – 0.5 kg/m <sup>2</sup>
	<b>Optional/ Scratch primer to 1 mm roughness</b>	<b>MasterTop P 617,</b> Filled 1:0,5 with oven dried silica sand, size 0,1-0,3 mm	0.6 – 1.0 kg/m <sup>2</sup> *
	<b>Grounding</b>	Distance max. 10m between copper strips (f. ex. With copper strips self-adhesive), copper strips must be earth copper cable (4 mm <sup>2</sup> )	
	<b>Conductive Primer</b>	<b>MasterTop P 687 W AS</b> Black, EP, 2-component, water borne	0.08 – 0.10 kg/m <sup>2</sup>
	<b>Body coat</b>	<b>MasterTop BC 375 N AS **</b> PUR, 2-component, pigmented, non-solvented, low emission, antistatic	2.0 – 2.5 kg/m <sup>2</sup>
	<b>Total thickness of The system</b>	Ca. 2.0 – 3.0 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.