







MasterTop 1324

Universal polyurethane system, smooth, matt, low emission (TÜV certified)

Application: Static crack bridging, indoor system, bearing medium to heavy loads. For production areas, warehouses and technology rooms etc.

consumption ca.:

	Primer	MasterTop P 604 or P 617 or P 622 or P 615 without sand broadcast EP, 2 component, non-solvented (total solid)	0,3-0,5 kg/m ²
	Sand broadcast	Oven dried silica sand, size 0,3-0,8 mm, uniformly applied, not in excess	0,8-1,0 kg/m ²
	Optional/ Scratch primer	MasterTop P 604 or P 617 or P 622 or P 615 without sand broadcast Filled 1 : 0,5 up to 1:1 with oven dried silica sand, size 0,1-0,3 mm	0,6-1,0 kg/m ^{2*}
	Sand broadcast	Oven dried silica sand, size 0,3-0,8mm	2,0-3,0 kg/m ²
	Optional**/ Pore sealer	MasterTop BC 375N pigmented, PU, 2-component, non-solvented, 1 : 0,3 filled with oven Dried silica sand, size 0,1-0,3 mm	0,9-1,2 kg/m ^{2*}
	Body coat	MasterTop BC 375N pigmented, PU, 2-component, non-solvented, 1 : 0,3 filled with oven dried silica sand, size 0,1-0,3 mm	2,0-2,4 kg/m ^{2*}
	Top coat	MasterTop TC 442W pigmented pigmented, PUR, 2 component, water-based, UV resistant, silk-mat	0,12-0,15 kg/m ²
	Optional***/ Top coat if decorative chips are broadcasted	MasterTop TC 442W clear, PUR, 2 component, water-based, UV re- sistant, silk-mat	0,12-0,15 kg/m ²
	Total thickness of the system	ca. 2,0-3,0 mm	

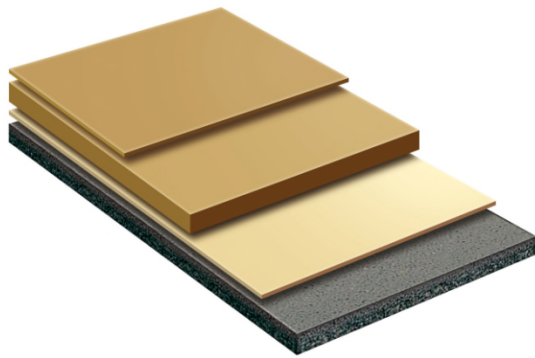
Remark:

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

* Consumption incl. filler

** Pore sealer is required on sand broadcasted, porous and absorbent surfaces

*** Clear top coats cannot stop yellowing of the aromatic body coat. Aliphatic pigmented top coats are necessary



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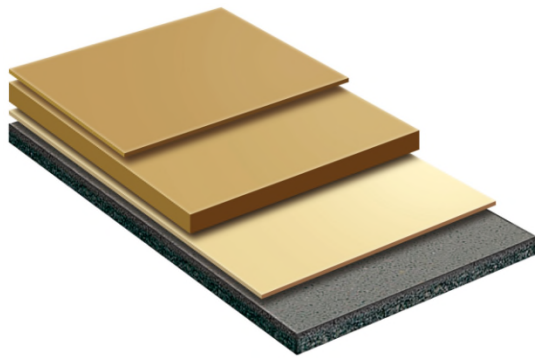
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The flooring system fulfills, as minimum requirements, the following properties and technical data determined by internal and external testing:

DIBt General technical approval **Z-156.605-685** according to DIN EN 13813:2003-1 for the utilization indoor in public areas with Health-related Evaluation Procedure for Volatile Organic Compounds Emissions (VOC and SVOC).

EN 13813	SR-B1,5-AR1-IR4-Bfl-s1
Emissions behavior	TÜV Rheinland certified AgBB conform AFSSET conform A+ classification
Bending tensile strength	28 N/mm ² (after 7 days)
Compressive strength	51,5 N/mm ² (after 7 days)
Slip resistance	R9, R10, R11, R12
Taber abrasion	88 mg/1000 U (without top coat) < 50 mg/1000 R (with MasterTop TC 442W)
Crack bridging at 23 °C	Class A 3 according to DIN EN 1062-7 Requirement > 500 µm, result = 900 µm
Ease of decontamination	DIN 25 415, Part 1: Assessment: excellent
Fire behavior	Bfl-s1 (DIN EN 13501-1)


Resistance to blistering under the influence of moisture from the reverse side (with MasterTop P 615 and P 617)



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CE MARKING ACCORDING TO EN 13813

	
Master Builders Solutions Deutschland GmbH Donnerschweer Str. 372, D-26123 Oldenburg	
12	
132401	
EN 13813: 2002	
EN 13813: SR-B1,5-AR1-IR4	
Synthetic resin screed for internal uses	
Essential characteristics	Performance
Fire behavior	Bfl-s1
Release of corrosive substances	SR
Water permeability	NPD
Wear resistance	< AR 1
Bond strength	> B 1,5
Impact resistance	> IR 4
Impact sound insulation	NPD
Sound absorption	NPD
Heat insulation	NPD
Chemical resistance	NPD

NPD = No performance determined

Performance determined in System build-up **MasterTop 1324**

TÜV RHEINLAND CERTIFICATION

MasterTop 1324 has been certified by TÜV Rheinland LGA in Nürnberg (Germany) and received the "TÜV Rheinland certified" seal as low emission flooring system. This award is i. a. only granted to systems or products with very low VOC emission (TVOC < 300 µg/m³ after max. 28 days curing time). Furthermore, MasterTop 1324 was tested, as part of the certification process, for low odor intensity based on VDI 4302.

This certification allows us to be compliant with one of the most restrictive low emission regulations within Europe. Thus MasterTop 1324 is not only AgBB compliant but achieves an A+ classification by French standards.

The certified MasterTop 1324 system is subject to periodic product monitoring by TÜV Rheinland.

For more information and/or download the MasterTop 1324 certificate, please visit Certipedia, the online certificate database from TÜV Rheinland for certified and tested products under www.certipedia.com



Emission Tested
After Curing
Regular Product
Surveillance

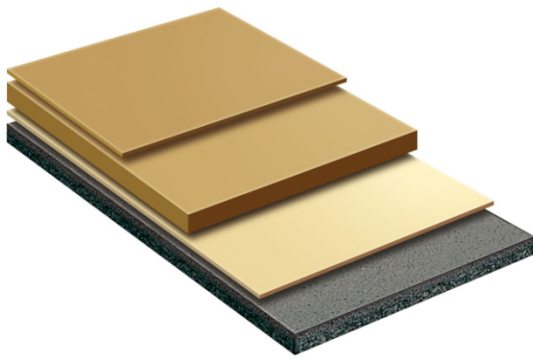


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Mitglied der



DGNB®
Deutsche Gesellschaft für Nachhaltiges Bauen e.V.
German Sustainable Building Council



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DISCLAIMER

In view of widely varying site conditions and fields of application of our products, this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical help-line for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with Master Builders Solutions and possible resulting damages are in the sole responsibility of the customer. All descriptions, drawings, photographs, data, ratios, weights i.e. stated herein can be changed without advance notice and do not represent the condition of the product as stipulated by contract. It is the sole responsibility of the recipient of our products to observe possible proprietary rights as well as existing laws and provisions. The reference of trade names of other companies is no recommendation and does not exclude the use of products of similar type. Our information only describes the quality of our products and services and is no warranty. Liability is accepted for incomplete or incorrect particulars in our data sheets only in the event of intent or gross negligence, without prejudice to claims under product liability laws.

Master Builders Solutions Deutschland GmbH
Donnerschweer Strasse 372
26123 Oldenburg
Germany

System build-up MasterTop 1324 – December 20
Version 01