

MASTERTOP® 1328AS

Polyurethane based anti-static flooring system

DESCRIPTION

MASTERTOP 1328AS is a self-smoothing, anti static, solvent free polyurethane flooring system. The cured floor exhibits excellent anti static properties and finishes to a smooth, seamless surface with an attractive appearance that can be easily maintained in a hygienic condition. Due to the polyurethane base, the system exhibits an enhanced abrasion and cracking resistance.

MASTERTOP 1328AS is in compliance with:

	Cert no. Norm	Inst.	Classification	Remarks
FDA and FCH approval	P 896-E	DAR	passed	Federal Health Centre (Germany)
Adhesion under rising damp conditions. Non-slip	P 1588	DAR	No blisters MO/g0	Adhesion 3.1 N/mm ²

RECOMMENDED FOR

MASTERTOP 1328AS is recommended for floors in environments where static electricity and stray currents produced by friction, pose risks of explosion or interference with the function or the production of electronic parts. It is ideal for floors in:

- electronic industries
- wafer and PC component production
- synthetic fibre mills
- processing and handling of combustible goods
- operating theatres and recovery rooms

FEATURES AND BENEFITS

Anti-static - dissipates static charges that could cause sparks or damage electronic parts.

Good chemicals resistance - durable in chemically aggressive areas.

Easy to maintain - allows floor surface to be maintained in a hygienic state.

Seamless - free of joins that collect dirt and allow ingress of pollutants.

Complies with all international standards - complies with DIN 51953, DIN EN 1081, IEC and NFPA BS 2080 UL779.

TYPICAL PERFORMANCE DATA

7 days cure @ 20°C

Compressive (DIN 1164)	:	0 N/mm ²
Flexural strength (DIN 1048)	:	8 N/mm ²
Bond strength (DIN ISO 4624)	:	2.5 N/mm ²
Abrasion resistance (DIN 53754)	:	5mg
Elongation (DIN 53504)	:	0%
Shore D Hardness	:	0%
Resistivity (DIN 51953)	:	>1x10 ⁴ to <1x10 ⁵ Ω
Resistivity	:	>1x10 ⁵ to <1x10 ⁸ Ω
Resistivity (DIN 1081, NFPA, IEC)	:	>1x10 ⁶ to <1x10 ⁹ Ω
Service Temperature	:	-20°C to 60°C
Application Temperature	:	Min. 10°C Max. 35°C

PROPERTIES

a. Components

	Supply form	Colour	Density kg
CONGRESIVE 2525 Part A	liquid	amber	1.10
CONGRESIVE 2525 Part B	liquid	amber	1.05
MASTERTOP BC 375AS Part A	liquid	coloured	1.40*
MASTERTOP BC 375AS Part B	liquid	amber	
MASTERTOP CP 687WAS Part A	liquid	white	1.40*
MASTERTOP CP 687WAS Part B	liquid	black	
Filler F5	solid	white	2.60

* Part A and Part B mixed

b. Mixed systems

	Components	Mix ratio by weight
CONGRESIVE 2525	A:B	100:27
MASTERTOP CP 687WAS	A:B	4:6
MASTERTOP BC 375AS	A:B	4:1

Pot life (minutes)

	@ 10°C	@ 20°C	@ 30°C
CONGRESIVE 2525	70	35	20
MASTERTOP CP 687WAS	120	60	30
MASTERTOP BC 375AS	60	30	20

Curing time (days)

	@ 10°C	@ 20°C	@ 30°C
CONGRESIVE 2525	5	2	1
MASTERTOP CP 687WAS	7	5	2
MASTERTOP BC 375AS	10	5	2

Maximum permissible relative humidity

	@ 10°C	@ > 23°C
All components	75%	90%

APPLICATION

For information on **surface preparation, priming and body coat application**, refer to "Application Guide for MASTERTOP 1328AS" available from your local BASF Construction Chemicals representative

ESTIMATING DATA

System	Product	kg/m ²	Thickness mm
Primer	CONGRESIVE 2525	0.4-0.6	0.3-0.4
Broadcast filler	Filler F5	0.8-1.0	0.3-0.4
Conductive primer	MASTERTOP CP 687WAS	0.2-0.25	0.1-0.15
Body coat	MASTERTOP BC 375AS	1.8-2.5	1.5-2.0



The Chemical Company

MASTERTOP® 1328AS

PACKAGING

MASTERTOP BC 375AS:	30.0kg/set
CONCRETE 2525:	20 litres/set
MASTERTOP CP 687WAS:	15.0kg/set
Filler F5:	25.0kg/set

SHELF LIFE

MASTERTOP 1328AS can be kept for 12 months from date of manufacture if stored in original unopened packaging, in a dry enclosed place at temperatures between 15 to 35°C, without exposure to direct sunlight.

PRECAUTIONS

MASTERTOP 1328AS contains certain chemicals which can cause skin irritation if exposed and respiratory reaction if inhaled. Wear gloves, masks and use hand barrier cream while handling the product. Wash thoroughly after handling.

Should skin contact occur, wash immediately with soap and water or an effective hand cleaner.

In case of accidental eye contact, wash with a copious quantity of water and immediately seek medical advice.

If ingested, do not induce vomiting. Consult a doctor immediately.

Vapours of solvents used for cleaning can be irritating. It is therefore recommended that cleaning be done in well-ventilated areas.

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF Construction Chemicals **Material Safety Data Sheet (MSDS)** of the individual products from our office or our website.

Fire: Keep away from sources of ignition. Do not smoke whilst handling the product.

Flash point: 110°C.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **BASF** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF**, are responsible for carrying out procedures appropriate to a specific application.

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