

MasterTop® 200

Dry-shake surface hardener for industrial and other floors.

DESCRIPTION

MasterTop® 200 is a pre-mixed, dry-shake surface hardener, based on hydraulic binder and specially treated metallic aggregates, with anti-corrosion agent.

MasterTop® 200 has a low chromate content (Cr-VI) ≤ 2 ppm on cement weight.

CHARACTERISTICS

MasterTop® 200 offers following advantages:

- excellent impact resistance
- high abrasion resistance (8 times more than normal concrete floor)
- easy to apply
- low level of porosity due to maximum compactness
- easy cleaning and maintenance
- available in different colours
- limited dust formation
- mineral oils and petrol resistant.

FIELD OF APPLICATION









MasterTop® 200 is recommended for industrial floors with high wear and impact resistance in:

- mechanical workshops, garages
- assembling plants in the automotive industry
- storage areas and traffic ways in the steel industry
- aircraft hangars
- storage areas subject to heavy loads
- printing shops
- dry areas in paper mill

REMARKS

- Where floor surfaces will be exposed to acids, salts or to materials known to deteriorate cement, consult your **Master Builders Solutions-CC** representative.
- Areas of constant high humidity from ambient or ground water (toilets, wash places, etc...)
- Do not apply over concrete containing chlorides or aggregate contaminated with salt/salt water.
- Do not apply over concrete with > 3% entrained air.

APPLICATION PROCEDURE

-  Placing concrete.
 -  Levelling, consolidating and Striking off concrete
 -  Apply the first shake of **MasterTop® 200** (manually)
 -  Apply the first shake of **MasterTop® 200** by spreader
 -  the first shake of **MasterTop® 200**
- Repeat steps 3 up to 4 including (apply the second shake, floating the second shake of MasterTop 200) followed by a first trowelling and a second/final trowelling.*
-  Curing
 -  Sawing joints
 -  Application of joint sealant

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For detailed information on the application steps, please consult the application manual.

CONSUMPTION

For light to medium traffic	: 4 – 6 kg/m ²
For medium to heavy traffic	: 6 – 7,5 kg/m ²
For heavy traffic	: 7,5 – 9 kg/m ²
For very heavy traffic	: 9 – 10 kg/m ²
For coloured floors, especially light colours:	7 – 8 kg/m ²

PACKAGING, STORAGE, SHELF LIFE

MasterTop® 200 is packaged in 25 kg moisture resistant bags and big bags. Do not use the product if bag is damaged. Kept frost-free and dry, **MasterTop® 200** can be stored for 18 months in the tightly closed original packages.

MasterTop® 200 contains cement which may cause irritation. Avoid contact with eyes and prolonged contact with skin. If contact occurs, wash thoroughly with water and call a doctor. Keep product out of reach of children. Consult the Material Safety Data Sheet of **MasterTop® 200**.

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

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MasterTop® 200 Technical Data Sheet -Revision Date: 12/2020

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Technical Data*		
Physical form		ready to use powder
Color		cementgrey, further colors see color-chart
pH		> 12
Aggregate Size		0 – 2,4 mm
Curring		Gerekli
Filling Joint		Gerekli
Compressive Strength (28 Days)	EN 13982-2	> 70 N/mm ²
Eğilme Dayanımı (28 Günlük)	EN 13982-2	> 10 N/mm ²
Flexural Strength (28 days)	EN 13412	40 kN/mm ²
Adhesion to concrete	EN 13982-8 class > B 2,0	3,4 N/mm ²
Abrasion resistance BCA	EN 13982-4	AR0,5 (max. 50 µm wear depth)
Abrasion resistance BOHME	EN 13982-3-2004	A3 (max . 3c m ³ /50 cm ²)
Abrasion resistance TABER	ISO 5470-1 (1999) steel Wheel CS-17	0,09 gr/1000 rev.
Abrasion resistance AMSLER	NBN-15-223	2,35 mm/3000 m
Resistance to fire		A1 _{fl}
Release of corrosive substances		CT (cementitious screeds)
Impact resistance (IR)	EN ISO 6272-1 (EN 1504-2)	Class III


* Technical properties are obtained in lab-conditions with 3 l/25 kg powder

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CE MARK ACCORDING TO EN 13813

	
Master Builders Solutions Belgium nv Nijverheidsweg 89,B-3945 Ham	
09	
BE0072/01	
EN 13813 CT – C70 – F10 – A3	
Cementitious screed material for use internally in buildings	
Reaction to fire	A1 _{fl}
Release of corrosive substances	CT
Water permeability	NPD
Water vapour permeability	NPD
Compressive strength	C70
Flexural strength	F10
Wear resistance	AR 0,5 A3
Sound insulation	NPD
Sound absorption	NPD
Thermal resistance	NPD
Chemical resistance	NPD

	
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