



KORODUR 0/4

for KORODUR Hard Aggregate Industrial Floors

DESCRIPTION

KORODUR 0/4 – hard aggregate acc. to DIN 1100 - A 0/4
 KORODUR 0/4 – mineral hard aggregate produced from high grade components including quartz sand and tough by-products of electro-metallurgical melting processes. This special mixture guarantees outstanding tensile and compressive strength values, very favourable wearing properties and imparts stable anti-skid properties to industrial flooring surfaces.

APPLICATION

For use in hard aggregate concrete screeds acc. to DIN 18 560, ZE 65 A. For use in areas of combined rolling, ramming and grinding stress, percussion, pressure and impact. Able to withstand the sliding and rolling of work parts, plant traffic of all kinds, fork-lift traffic, crawler tractor traffic and transporting equipment with steel wheels etc. Especially qualified for wet rooms, parking areas, driving and loading ramps, bunker linings and outdoor surfaces of all kinds.

PROPERTIES

- resistant to gasoline, mineral oil, solvents
- highly wear resistant even under the most severe stress
- fork lift-truck resistant
- water-resistant, qualified for wet rooms
- anti-skid, non-slip in wet rooms
- frost and de-icer resistant
- non-rusting
- electrostatic non-chargeable
- high surface density
- physiological and ecological harmless
- easy to clean

Certification: DIN EN ISO 9001:2000

CONTROL

IBF, Troisdorf



HARD AGGREGATE COATING GROUP A DIN 1100

	standard resp. characteristic values of the hard aggregate acc. to DIN 1100	standard values acc. to DIN 18560-7 resp. EN 13813
	coating group A	e.g. hard aggregate screed DIN 18560-CT-C 70-F 10-A 5-DIN 1100-A
tensile strength [N/mm ²]	10**	10*
compressive strength [N/mm ²]	80**	70*
wear*** [cm ³ /50 cm ²]	≤ 5*	5*
bulk density* [kg/dm ³]	acc. to DIN 1100	
granulometric composition*	acc. to DIN 1100	

* standard values ** characteristic values *** average value
 KORODUR 0/4 meets all demands according to factory and outside control.

GROUPS OF MECHANICAL STRESS DIN 18 560, Part 7, Table 1

Stress group	Stress caused by	
	mobile industrial handling equipment, kind of tires ¹⁾	operational processes and pedestrian traffic
I (heavy)	steel and polyamide	processing, sliding and rolling of metal parts, placing down of goods by means of metal forks, pedestrian traffic of more than 1.000 persons/day
II (medium)	urethane-elastomer and rubber	sliding and rolling of wood, paper rolls and plastic castings, pedestrian traffic of 100 to 1.000 persons/day
III (light)	solid tires and pneumatic tires	assembly areas (on tables), pedestrian traffic up to 100 persons/day

1) refers only to clean tires. Pressed in grit and dirt on tires increase the stress.

Remarks:

Where loading and abrasion potential is beyond the guidelines for „Stress group I“, e.g. assembly of heaviest equipment or traffic of heaviest vehicles (crawlers) special precautionary measures must be taken.

PROCESSING / CONSUMPTION KORODUR 0/4

Stress group acc. to DIN 18560, Part 7, Table 1	Topping thickness acc. to DIN 18560, Part 7, Table 1, nominal thicknesses	Mixing ratio indoor surfaces: 1 weight unit cement: 2 weight units KORODUR 0/4	Mixing ratio outdoor surfaces: 1 weight unit cement: 3 weight units KORODUR 0/4
I (heavy)	15 mm	21 kg/m ² KORODUR 0/4	24 kg/m ² KORODUR 0/4
II (medium)	10 mm	14 kg/m ² KORODUR 0/4	—
III (light)	8 mm	12 kg/m ² KORODUR 0/4	—

We recommend:

KOROTEX for after-treatment, KOROPOX for impregnation.

Further literature, test certificates, processing hints, tender texts for the different KORODUR industrial flooring systems, KORODUR floor hardeners, KORODUR special products and building chemical additives are available on request.

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KORODUR Westphal Hartbeton GmbH & Co.

Head office:
 Wernher-von-Braun-Str. 4
 92224 Amberg
 P.O. Box 1653 • 92206 Amberg
 Phone: +49 (0) 96 21 / 47 59-0
 Telefax: +49 (0) 96 21 / 3 23 41
 info@korodur.de

Bochum-Wattenscheid works:
 Hohensteinstr. 19
 44866 Bochum
 P.O. Box 60 02 48 • 44842 Bochum
 Phone: +49 (0) 23 27 / 94 57-0
 Telefax: +49 (0) 23 27 / 32 10 84
 wattenscheid@korodur.de

www.korodur.de

Hannover-Misburg works:
 Am Hafen 23
 30692 Hannover

Hirschau works (AKW-Kick):
 Georg-Schiffer-Str. 70
 92242 Hirschau
 Phone: +49 (0) 96 22 / 1 83 15

