

Usage

Petrol Industries
 Automobile and Aircraft Industries
 Electricity powerhouse
 Paper-making industries
 Loom industry

Food industry and slaughterhouse and springhouse
 Chemical and Plastic industries
 Medical and cosmetic industries
 Military industries
 Melting and Founding industries



KORODUR Industrial Floor
 for heavy duty
 approved world-wide



Introduction

All of the parts of one building are under the effects of abrasion and one of the parts that is floor which directly faces the erosion. Because of this thing choosing a cover with full-strength and long life that can save your money is something that is important for all of our customers



Technical data of Korodur

Korodur is used for all of the industrial factories especially for those that their floor needs to stand a massive pressure – both static and dynamic. There are three types of Korodur: A-M-KS and their mixture is due to standard DIN1100.

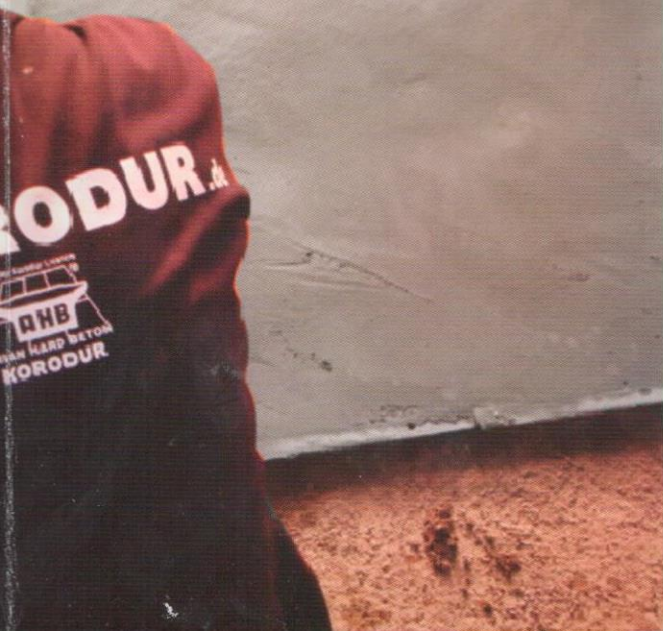
- ◆ Resistant to petrol, gasoline, oil and solvent materials
- ◆ Hard aggregate ,mixture with special cement
- ◆ Water resistant, suitable for moist and humid places
- ◆ Resistant to friction and depreciation even when an oil pour in the ground
- ◆ Resistant to lift truck
- ◆ Anti-slip
- ◆ Resistant to anti-freeze
- ◆ Anti-electro conductivity
- ◆ Free from chloride and CFC free
- ◆ High compressive strength
- ◆ Easy-to-wash



Processing

- ◆ Fill the area with concrete (depth 10-20 Cm).
- ◆ Evacuating the extreme water in concrete layer with streaming or vacuum pump.
- ◆ Performing the Korodur material.
- ◆ Flattening the cover with mechanical and handy materials.
- ◆ Curing

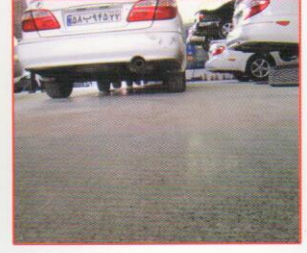
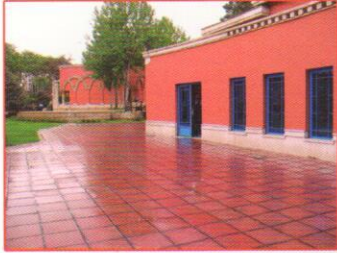
Different methods exist for different materials of Korodur that you can find them in the special catalogue that we have for any of our products. Also you can find useful information about processing method, consumption of each material and methods to how to mix the Korodur materials with cement and water for effective result in our special catalogue.



Usage

Using Korodur materials more than 250.000.000 m² in almost all of the countries with all situations show the great benefits of this material. Korodur was used in some situation such as:

- ◆ Warehouse
- ◆ Tank route
- ◆ Fridge house
- ◆ Parking
- ◆ Factories
- ◆ Docks and loading platform
- ◆ Hangars
- ◆ Pavement
- ◆ Railway and Subway



Setup Technics and systems

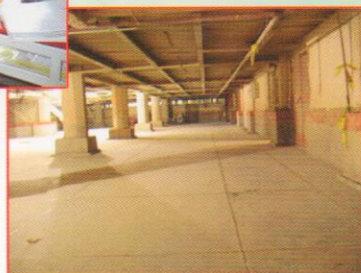
Because the quality of industrial concrete depends on how it setup so it is important to recognize how to make it. Setup systems for Korodur materials are:

- ◆ Using Puzzle-like hard covering concrete
- ◆ In one layer material with above a layer of concrete up to 20 Cm
- ◆ In two layer material for floors that their concrete surface was done before

KORODUR Systems

Beside the systems that mentioned above the research group of Beton Sakht Company has made some innovational systems to just suit your jobs. Some of the systems are:

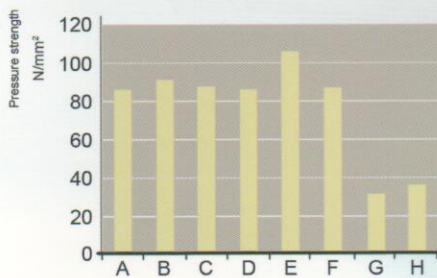
- ◆ Hard covering Korodur "KOROTAN" in one layer
- ◆ Concrete covering Korodur ,in different colors, with ground finish
- ◆ Korodur slab: easy to remove
- ◆ Korodur's hard concrete covering with rough or glossy surface
- ◆ Korodur Plus with Resin that is used as a one layer covering
- ◆ Resin mixing system with using DUROP for industrial covering and roadway and highway building



Technical data

Korodur hard covering concrete is suitable for any usage and condition and every three group of it passed the DIN1100 standard from Germany. Korodur material is a mixture of cement, Fe_2O_3 , SiC, Electro Metallurgical Slag, and Corundum, Color Pigments etc. that produced in various types and packed in 25kg packages. The death line for storing the packages in the dry condition is infinite and this material does not corrupt. The standard committee in Germany(DIN)has conducted the conditions and terms for industrial covering that exist in DIN1100. Technical data for Korodur hard concrete according to DIN1100 is mentioned in the table below:

Product Name	Type	Industrial Name	Materials	Avrage		
				Bending Strength N/mm ²	Pressure strength N/mm ²	Wear Strength N/mm ²
KORODUR 0.4	A	A 0/4	Mineral & slag of steel plant factories and a combination of M-KS	MIN. 10	MIN. 80	MAX. 6.0
KORODUR 0.3		A 0/3				
KORODUR 0.5 vs		A 0/5				
Korodur WH Exclusive		A 0/4				
Korodur WH metallic	M	M 0/4	Metal	MAX. 12	MAX. 80	MAX. 3.0
Korodur Diamond	KS	KS 0/4	SiC + Electro Corundum			



E-Korodur WH metallic	A-Korodur 0.5
F-Korodur Diamond	B-Korodur 0.4
G-Beton 25	C-Korodur 0.5 vs
H-Beton 25 Vaciom	D-Korodur WH Exclusive

In table above three different products: Product A (Public), M (Metallic), and KS (Electro Corundum) are introduced. These products are categorized with the most important factors of qualities of the industrial covering which includes bending strength, Pressure strength and Wear strength. Pressure strength of Korodur products was tested in a 28 day experiment.

