



## KORODUR REPORT #5



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Dear business partner,

With today's edition of the KORODUR report we would like to draw your attention again to some important news. Among the covered topics we would like to highlight concrete repair under the slogan "Experience the Revolution!" Let us convince you of the versatility of the unique and high-performance Rapid Set Repair Mortars.

We hope you enjoy reading the KORODUR Report #5.

Sincerely,  
Your KORODUR team

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### ■ **KORODUR - KNOWHOW**

For many decades, KORODUR has been focusing on the field of cementitious industrial floors – always in the context of highest demands to quality and technical know-how. With the participation in standardization committees, study groups and trade associations, KORODUR is always concerned to inform you, our dear clients, about the performances and limitations of different application variants and products. What is the state of the art? What is demanded by national and international standards? What do I need to observe being a planner or contractor?

**[Temporary evaporation protection - "intermediate curing"](#)**

Precondition for a good result of a concrete, a cement screed or a cementitious industrial floor is the timely curing. This includes all measures to prevent a too rapid evaporation of the mixing water in the fresh concrete and during the setting phase of the concrete. Insiders in the domain of cement know that an early water loss by evaporation has a direct effect on the properties of hardened concrete in the surface-close areas, especially on the strength and density values. Therefore: curing as early as possible and as long as necessary. This counteracts the early shrinkage and, consequently, the early formation of cracks.

Recent studies have shown that a so-called intermediate curing can support the later carried out classical after-treatment. This temporary evaporation protection can specifically support the normal evaporation process, especially under extreme conditions such as high concrete and ambient temperatures, direct sunlight, strong wind or low humidity. The same applies for the concrete installation with a water-cement ratio of  $< 0,5$  – also here the surface should be protected by an intermediate curing.

KORODUR is pleased to inform you today that we have extended our delivery range in the field of intermediate curing by the product [KOROCURE](#). [Read more...](#)

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## ■ KORODUR - INDUSTRIAL FLOORS proven world-wide

### Wirtgen Group - extreme challenge to the industrial floor

Incorporating the brands Wirtgen, Vögele, Hamm and Kleemann, the Wirtgen group counts among the technological leaders in this field. The machines, some with crawlers, weigh up to 500 tons. An enormous challenge to the architecture of the production facilities, especially in terms of the mechanical loads to the hall floors. Heavy loads require robust industrial floors. Therefore, for decades already, the Wirtgen Group trusts in the mineral, heavy duty KORODUR hard aggregate industrial floors.

As per German standard a KORODUR hard aggregate screed is installed generally in a thickness of 10 to 15 mm, acc. to DIN 18560-7 (e.g. [KORODUR WH-Metallic](#), [NEODUR HE 65](#)). World-wide there are more than 150.000 m<sup>2</sup> at the Wirtgen Group. [Read more...](#)



### Amazon - 300.000 m<sup>2</sup> distribution area in Poland

The internet giant Amazon is investing in three new distribution centers in Europe viz. in Poland. Two arise in Wrocław (Breslau), the third one in Poznań (Posen). Together the three logistics centers comprise a total storage area of over 300.000 m<sup>2</sup>.

Like the previous projects in Germany - Bad Hersfeld (2009), Augsburg (2011), Rheinberg (2011), Pforzheim (2012) and Koblenz (2012) - Amazon also in Wrocław trusts in the proven quality and high wear-resistance of KORODUR industrial floors: both projects in giant dimensions of each 120 - 130.000 m<sup>2</sup>. In the summer of 2014 the new distribution centers will be fully operational. The installation of the KORODUR industrial floor ([NEODUR HE 3](#)) is carried out by the specialized installers PPP Węgrzce Wielkie / Poland. [Read more...](#)



## ■ KORODUR - DESIGN FLOORS natural. sustainable. unique.

Based on its core expertise in the field of hard aggregate industrial floors the KORODUR group developed, more than 10 years ago, new products and systems, especially for decorative design floors. These are cementitious-mineral based, durable, creative and elegant. Any KORODUR design floor represents a handicraft work of art and thus indeed is unique. KORODUR design floors comprise the optimum synthesis of durability, optical appearance, originality and also the request for sustainability.

### Phoenix Shopping Mall, China

In Suzhou, a city of 4 million people, located about 100 km north-west of Shanghai, another architecturally impressive building complex was completed in 2013: two giant office towers connected through a serpentine, 5-storey shopping mall. Builder owner is the Phoenix Media Group. The Phoenix Media Mall rises close vicinity to the probably most famous skyscrapers Suzhou's: "The Gate of the East" or jokingly called „The Pair of Long Johns“.

For the interior design, the owner opted for a modern and light-filled concept. This design also relates to the floor, a [TRU Self-Leveling](#) design floor in polished terrazzo optics. 15.000 m<sup>2</sup> – an outstanding job! [Read more...](#)



## ■ KORODUR - INNOVATIVE. DIFFERENT.

Since 1936 the name KORODUR has been standing for high-grade industrial floors. Insiders of the branch know well that meanwhile the KORODUR Group is most successfully active also in other fields and branches.

### Rapid Set - the "one-for-all"

Proven in America for more than 25 years, now available also in Europe. In 2012 KORODUR started the exclusive production and distribution of the Rapid Set core products [CEMENT ALL](#), [MORTAR MIX](#) and [CONCRETE MIX](#) in Europe. In the United States, for decades already, the name Rapid Set has been standing for innovative and high performance cement technology with unique product and system properties.

Finally! One product for all demands. Up to now each application demanded individual and specific construction chemicals and mixtures - now the "one-for-all" covers all requirements.

Rapid Set is the innovative problem solver, especially in regards to "time is money":

- faster setting
- less shrinkage
- more durability
- multipurpose
- higher strength
- ready for traffic in 1 hour
- installation thickness "0" to 600 mm



Typical fields of application are: concrete repair and rehabilitation, re-profiling, grouting, wall repair, coating, injection, formed work, industrial and road construction, civil engineering, pre-cast industry, indoors and outdoors, also in wet areas.

KORODUR distributes the Rapid Set products through professional builder's merchants. Further information please visit our website [www.korodur-rapidset.com](http://www.korodur-rapidset.com).

## Cat Litter of KORODUR

### INTERZOO 2014 – world-wide innovation at KORODUR Cat Litter “super light”

For the 9th time KORODUR participated in the INTERZOO in Nuremberg, the International Trade Fair for Pet Supplies Industry. During four days more than 2.000 companies from all over the world presented their latest products in the field of pet food, pet care products and accessories (a plus of 12 % compared to 2012).

KORODUR proudly presented the world-wide innovation in the segment of cat hygiene: a clumping light litter with 60 % less weight! The new „Super Light Litter“ got an incredible feedback and demand by all our visitors. The product will be launched to the market in the 1st quarter of the year 2015.



Further information on [KORODUR Cat Litter](#) please take from our [homepage](#).

## EVENTS

**08. - 09. July 2014:** BAU Congress China 2014, Shanghai

**01. - 03. October 2014:** FinnBuild, Helsinki

**14. - 16. October 2014:** BTA BuildTechAsia, Singapore

## LINKS

[KORODUR YouTube channel](#)

[MKS Funke - professional floor grinding technology](#)

[Collomix - competence in mixing](#)

We hope that with the KORODUR Report #5 we could again provide you some interesting news and information. Please feel free to let us know any wishes and ideas on topics to be covered in our next KORODUR Report. Please contact [report@korodur.de](mailto:report@korodur.de).



**KORODUR Westphal Hartbeton GmbH & Co. KG**  
**KORODUR International GmbH**

[www.korodur.de](http://www.korodur.de)

**Zentrale:**  
Wemher-von-Braun-Str. 4  
92224 Amberg  
Postfach 1653 • 92206 Amberg  
Tel.: +49 (0) 96 21 / 47 59-0  
Fax: +49 (0) 96 21 / 3 23 41  
[info@korodur.de](mailto:info@korodur.de)

**Werk Bochum-Wattenscheid:**  
Hohensteinstr. 19  
44866 Bochum  
Postfach 60 02 48 • 44842 Bochum  
Tel.: +49 (0) 23 27 / 94 57-0  
Fax: +49 (0) 23 27 / 32 10 84  
[wattenscheid@korodur.de](mailto:wattenscheid@korodur.de)

[report@korodur.de](mailto:report@korodur.de)  
Tel.: +49 (0) 96 21 3 23 41

[wattenscheid@korodur.de](mailto:wattenscheid@korodur.de)  
Tel.: +49 (0) 23 27 32 10 84

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