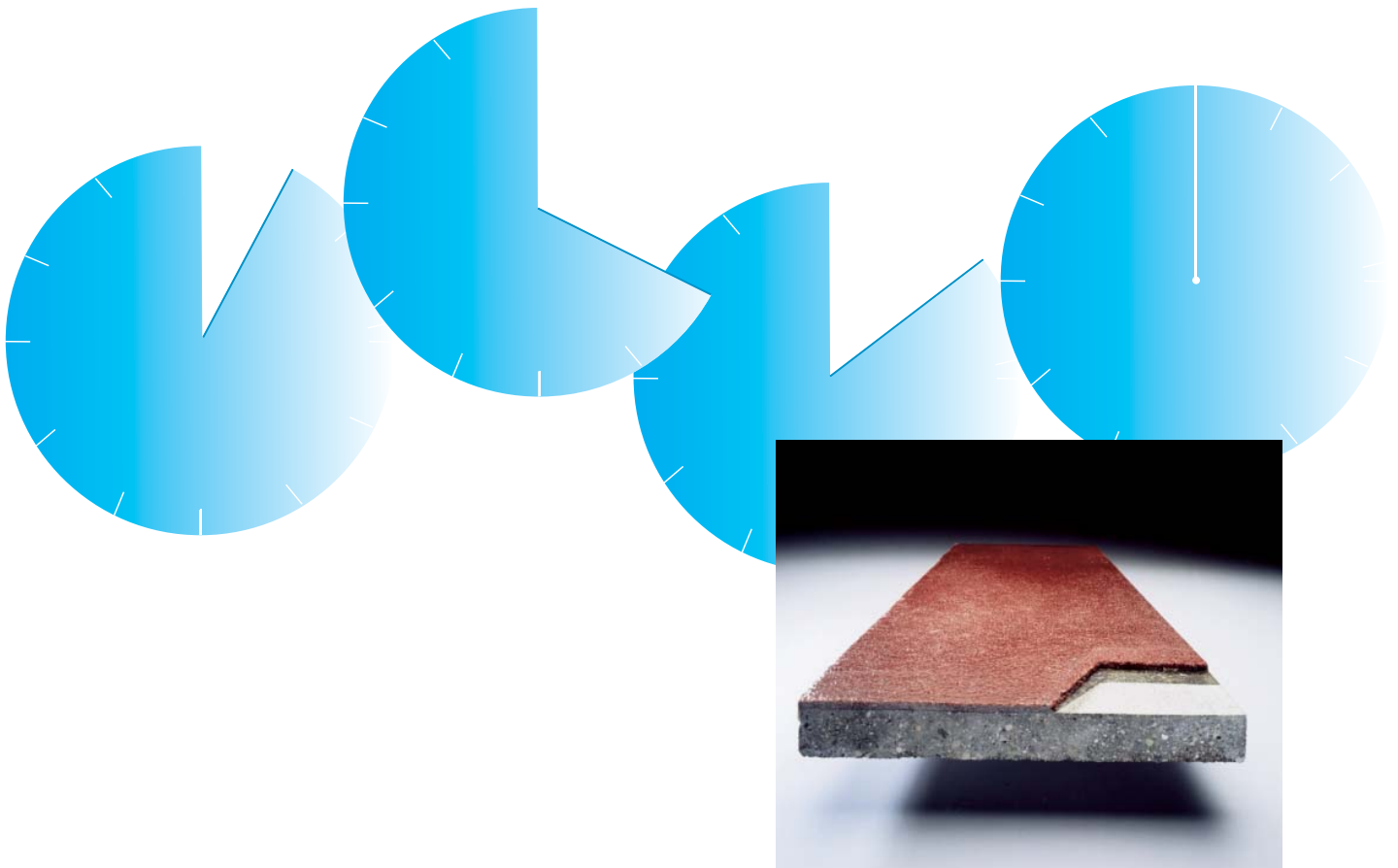


degussa.

*creating essentials*

# DEGADUR®

*Ready in no time – to last a lifetime*



*Methacrylate Resins for Industrial Flooring  
and Surface Protection*

# DEGADUR®

## *Meets the Toughest Demands*

Coating systems for industrial floors and surface protection are nowadays state of the art. Such coatings may substantially prolong the service lives of buildings by protecting them against wear or corrosion.

Degussa AG's Business Unit Röhm Specialty Acrylics offers DEGADUR® methacrylate resins for industrial floor coatings that have proved their outstanding properties over many decades.

Users and contractors place increasingly stringent demands on the quality of modern flooring systems.

**The user** above all expects durability, reliable resistance to environmental influences and to wear and tear, and most importantly, minimal disruption of day-to-day operations while the floor is being laid. This requirement can be met by ensuring that the coating work is rapidly performed.

**DEGADUR® saves money** through much shorter downtimes and durable quality during application.

**The contractor** is mainly interested in keeping man-hours down and having the shortest possible intervals between the individual processing steps. **Time is money, and time savings give contractors the desired competitive edge.**

Another essential advantage for the contractor is the possibility of laying the floor at the most varied temperatures, whether in the heat of summer or in the freezing cold of unheated buildings – even in cold stores where arctic temperatures prevail all year round.

**DEGADUR® meets all these requirements.**



# DEGADUR®

## *The Open Secret of the Fast-Curing System*

DEGADUR® resins are solvent-free, cold-curing methacrylate resins. The liquid DEGADUR® resins require the addition of a peroxide hardener in order to cure (i.e. for polymerisation).

No other synthetic resin system cures anything like as quickly or over a comparably wide temperature range. Methacrylate resins differ from all other comparable resin systems above all in their curing mechanism. This is what enables floors coated with DEGADUR® to cure completely within one to two hours at 20 °C, i.e. to be ready for a lifetime of resistance to mechanical and chemical stress.

The successive coating steps (priming, coating, sealing) can be performed with DEGADUR® after minimum waiting times.

DEGADUR® cures rapidly even at low temperatures, e.g. after only a few hours at -10 °C. If specially adjusted, the coating can even cure at -30 °C. No other synthetic resin system offers this advantage. The excellent properties in use of the DEGADUR® coating are preserved even when it is applied at extremely low temperatures.



### DEGADUR® – Benefits During Application

1

Minimum coating time

2

Coating can be performed in all seasons and at virtually any outdoor temperatures, even in unheated rooms

3

Even floors in cold stores can normally be coated without heating



## DEGADUR® – Benefits for the User

1

Extremely short downtimes and minimum disruption of production processes due to coating work

2

The floor can be used again very soon after coating

3

DEGADUR® floors can be homogeneously extended, renovated or repaired without major problems even many years later



## DEGADUR® – coatings:

1

2

3

4

5

6

7

8

are highly impact-resistant

are extremely abrasion-proof

support high mechanical loads

are resistant to chemicals and weathering

are impermeable to liquids

are perfectly hygienic

offer good protection against corrosion

are available in various colors and surface textures

**That adds up to extraordinary durability.**

Detailed statements on the individual resin grades and their special properties, as well as typical formulations, are available on request.

# DEGADUR®

## *Fields of Application*

DEGADUR® can be applied to concrete, cement, steel and indoor asphalt.

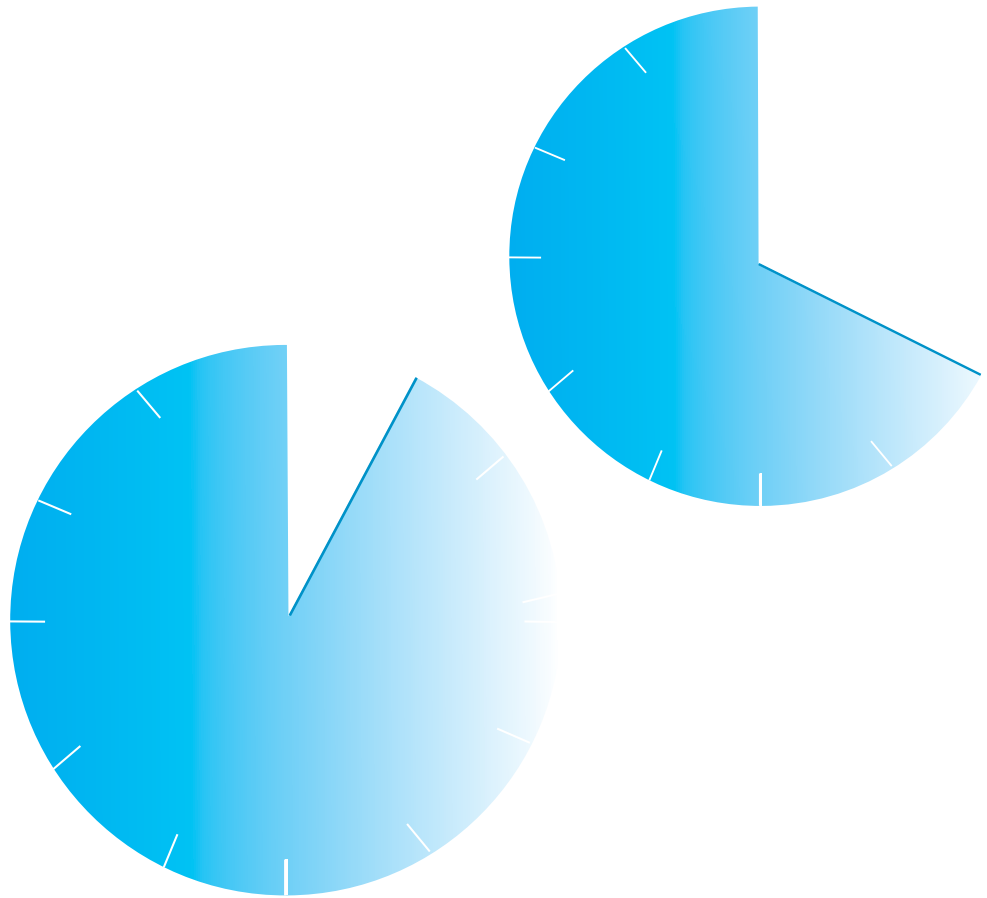
The DEGADUR® coating can be adapted to virtually all mechanical, chemical and other requirements by selecting the correct resin grades and aggregates. High-class decorative surfaces are no problem either with DEGADUR®. A wide variety of colors, textures

and surface properties can be obtained. A DEGADUR® floor remains durably elastic, abrasion-proof and resistant to slipping and chemicals.

Owing to their breadth of possible applications and variations, DEGADUR® coatings have established themselves in many different areas:

- 1 \_\_\_\_\_
  - 2 \_\_\_\_\_ as **industrial flooring**
  - \_\_\_\_\_ in various areas of the **food industry** particularly in
    - commercial kitchens
    - breweries
    - canneries
    - fruit-juice factories
    - industrial bakeries
    - dairies
    - meat processing plants
    - fish factories
    - wineries
  - 3 \_\_\_\_\_
  - 4 \_\_\_\_\_ In **pharmaceutical factories**
  - 5 \_\_\_\_\_ In **supermarkets**
  - 6 \_\_\_\_\_ In **sports and leisure facilities (grandstands)**
  - 7 \_\_\_\_\_ In **multistory car parks**
  - \_\_\_\_\_ As **ship deck coatings**
- Moreover, they are used as repair and coating mortars for
- 8 \_\_\_\_\_
  - 9 \_\_\_\_\_ **guard rails**
  - 10 \_\_\_\_\_ **ramps**
  - 11 \_\_\_\_\_ **road surfaces**
  - 12 \_\_\_\_\_ **helipads**
  - \_\_\_\_\_ **multistory car parks**





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**Degussa**  
**Business Segment Flooring**

Röhm GmbH & Co. KG  
Rodnbacher Chaussee 4  
63457 Hanau-Wolfgang  
Germany

T: +49 (0) 6181-59-6103  
F: +49 (0) 6181-59-4919  
E-Mail: [degadur@degussa.com](mailto:degadur@degussa.com)

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