

A profitable
investment in quality,
hygiene and
occupational safety

Why DEGADUR® ?

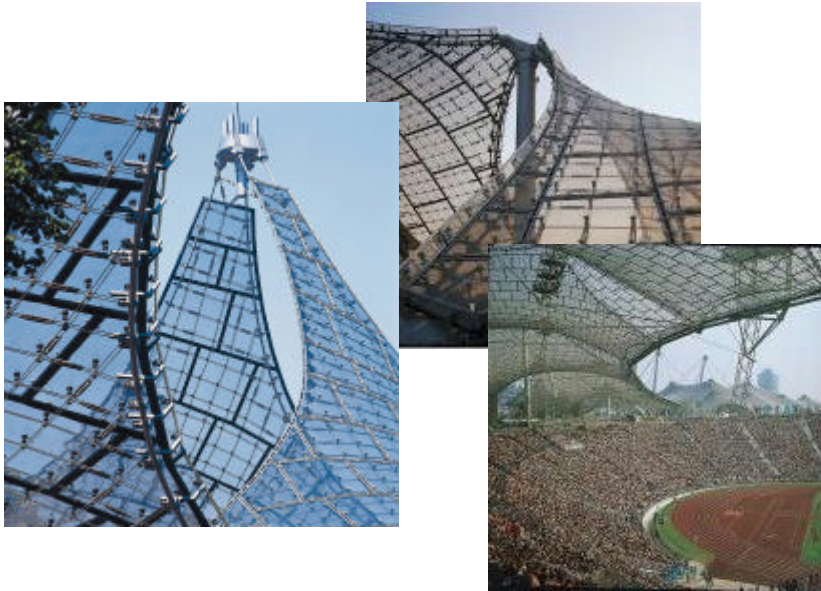
Methacrylates for Industrial Flooring

Technical Presentation (short cut 11)

Why DEGADUR® ?

Floor coating in PLEXIGLAS®-Quality

- ✓ Durability
- ✓ Weather Resistance



Olympic Stadium Munich



Roof Glazing



Why DEGADUR® ?

Floor coating in PLEXIGLAS®-Quality

PMMA:

- ✓ Durability
- ✓ Weather Resistance
- ✓ Highest resistance against UV-light
- ✓ Colorless
- ✓ Polymer chain is indestructable in normal working conditions
- ✓ No ageing
- ✓ No emission of toxic components in case of fire

Why DEGADUR® ?

Floor coating in PLEXIGLAS®-Quality

DEGADUR® application:

- ✓ Durability
- ✓ High mechanical load-bearing capacity
- ✓ Good impact strength
- ✓ Weather resistance
- ✓ Highest resistance against UV-light
- ✓ Color is low
- ✓ No degradation of polymer chain
- ✓ No ageing
- ✓ No emission of toxic components in case of fire

Why DEGADUR® ?

Full integrated raw-material supply chain

Production of performance critical ingredients within the DEGUSSA®-group (additives + monomers + polymers + hardener; 90 % plus)

DEGUSSA® is one of the second biggest producer of MMA in three sites worldwide (400,000 tons/a).

DEGUSSA is the biggest producer for MMA used in reactive resins.

Purity of MMA > 99.998%.

Why DEGADUR® ?

Full integrated raw-material supply chain

>40 years competence in production of Polymethacrylates (molding components, beads, semifinished products).

Reliable inhouse material supply in constantly high quality.

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Why DEGADUR® ?

Experience and Know How

- ✓ DEGADUR® resins for more than 40 years on the market.
- ✓ In 1999 merger of the two market leader in methacrylate based flooring systems.
- ✓ Permanent exchange with customers in order to optimise products and performance or identify innovations.
- ✓ Technical service support provides in total about 80 years of MMA-competence in regards of flooring experience.
- ✓ Applied technology labs solely for reactive resins.
- ✓ Quality assurance of course obligatory.

Why DEGADUR® ?

Two decisive extraordinary arguments

Fast:

- ◆ Short installation time / within 2h load-bearing capacity
- ◆ Short down time / minimal loss of production

Curing under cold condition:

- ◆ cures even at temperatures below zero (-25°C)
- ◆ processibility even at critical weather / climate conditions

Why DEGADUR® ?

Convincing by technical performance

- ✓ Wide range of products for almost specific application.
- ✓ Exceptionally good adhesion between layers and when recoated.
- ✓ Flexible types like PU, but fast curing.
- ✓ High strength types like EP, but fast curing.
- ✓ Surface sealants for almost every requirement available:
 - resistant to acid, caustic and various chemicals
 - used in food processing industry or others
 - colours, roughness and texture on request
 - adjustable skid resistance

Why DEGADUR® ?

Convincing by technical performance

- ✓ Approvals and certificates:
 - Slip resistance
 - Physiological inoffensiveness
 - Fire behaviour
 - Physical properties according EN 13813

Why DEGADUR® ?

Convincing by technical performance

- ✓ Physical properties according EN 13813:
 - Available for the DEGADUR® resins, liquid form
 - Available for the DEGADUR® resins, cured system

- ✓ Additional technical performance:
 - DEGADUR® CD
 - DEGADUR® homepage + update service
(for existing clients!)

Why DEGADUR® ?

Cooperation in research and new development

- ✓ With producer of:
 - Filler
 - Pigments
 - Flakes
 - Auxilliary agents
 - Additives
 - Tools and equipments

Why DEGADUR® ?

Dedicated contractors and applicators

- ✓ Sale only to appointed partners who have been trained in a DEGADUR® seminar.
- ✓ Dedicated clients with long time experience may train their own teams.
- ✓ Regular updating on MMA-specific flooring issues.
- ✓ Reliable jobsite support if required.
- ✓ Some applicators are loyal to the trade name more than 25 years.

Why DEGADUR® ?

High tech production facilities

- ✓ Automatically process-steered, production, closed system
- ✓ Modern production facilities and optimised logistic concerning the storage
- ✓ Constantly monitored quality
- ✓ Obligatory quality check of every batch
- ✓ Obligatory retain sample of every produced batch for 1 year
- ✓ Staff with high educated level and high motivation
- ✓ QM-system and QM laboratory
- ✓ DIN EN ISO 9001:2000 and ISO 14001:2004