



Dencryl™ Bridge (6-10 mm)

3-component acrylic flooring system. Recommended for indoor and outdoor areas, which are subject to extremely heavy mechanical charges, and is therefore used for road bridges, parking decks, driving ramps, loading areas, indoor industrial areas with exceptionally heavy charges, or other places where a floor with extremely high resistance to wear and strokes is required.

Benefits

- Weatherproof & UV resistant
- Nonslip finish
- Seamless and flexible finish
- Damp proof membrane layer
- Very good chemical resistance
- Fast installation
- Curing down to -30°C
- Low maintenance cost

Scope of use

- Road bridges
- Parking decks
- Driving ramps
- Loading areas



For more colors please see separate color chart.



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Appearance

Dencryl™ Bridge is a rough singlecoloured bridge covering system.

Life Expectancy

10 - 20 years.

Application

For all types of exterior use and extremely heavy loaded industrial floors, in combination with high demands to flexibility. Dencryl™ Bridge offers high wearability, impact and chemical resistant. The very fast curing of Dencryl™ Bridge means, that eventual traffic blocking time is minimized while installing the system.

Application conditions

Temperature -30°C to 30°C, best 15 to 25°C, max. moisture content in the concrete subfloor 5% by weight.

Temperature Resistance

Dencryl™ Bridge is resistant to temperature cycles up to 80°C. Extended periods at these temperatures and above will make material susceptible to chemical attack and abrasion wear.

Slip resistance

Dencryl™ Bridge appears slip resistant. The skidresistance might be varied from moderate to pronounced.

Colours

See separate color chart.



| Properties | Value |
|-------------------------------|-------------------------------------|
| Fully cured at 20°C | 2 hours |
| Applied thickness | 6 - 10 mm |
| Water Permeability | Nil – Karsten test (impermeable) |
| Hardness | SHORE D 80 |
| Compressive strength | 85 MPa |
| Reaction to fire | D _{fl} -s ₁ |
| Bond strength | >1.5 MPa |
| Temperature resistance | Up to 80°C at 4 mm |
| Thermal expansion coefficient | <40 ppm |
| Abrasion resistance | 50 mg / 1000 cycles (Taber Abrader) |
| Thermal conductivity | < 0,8 W/m·K |
| Slip resistance | R9 – R13 |
| Food Contact | No contamination |