

Denpox™ Park Deck OS 11 (4-5 mm)

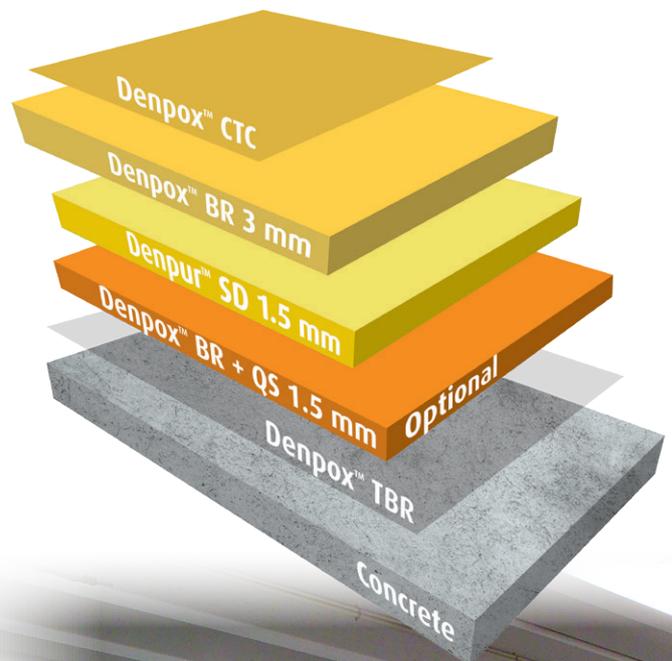
Denpox Car park deck coating system with separate membrane and wear coat with enhanced crack bridging properties (class B 3.2) for multi storey car parks for exposed and intermediate decks and sidewalks on bridges with pedestrian and vehicle traffic. According to EN 1504-2 and DIN V 18026, class OS 11 / OS Fa.

Benefits

- Dynamic crack bridging pursuant to OS 11 under intended mechanical loads
- Jointless, providing a reliable seal
- Low mass per unit area
- Heavy-duty, extremely durable
- Very good chemical resistance (fuels, oils, deicing salts, acids)
- Good resistance to abrasion with rolling traffic
- Surfaces offering good grip even in wet conditions
- Can be sealed in order to become weather- and UV-resistant
- Easy to clean
- Resistant to backwater moisture penetration
- Available in a wide range of colours
- For surfaces with vehicle traffic and heavy mechanical loads



For more colors please see separate color chart.



Denpox™ Park Deck 05 11 (4-5 mm)



Car park deck coating
class "OS 11 A" system
Certificate No.:
IE-4092301TDE

SYSTEM BUILD-UP

LAYER	PRODUCT	CONSUMPTION (kg/m ²)	SAND BROADCASTING (kg/m ²)	THICKNESS (mm)	APPLICATION
PRIMER or alternative	DENPOX TBR DENPOX BR	0.3 - 0.5 1.0 - 1.5	QS (0.3-0.8 mm) approx 0.5 - 0.8 QS 0.3 - 0.8 mm until full coverage	approx. 0-3 approx. 0.5 - 1.5	roller or rubber squeegee Trowel
SCRATCH COAT (optional)	DENPOX BR + QS 0.1 - 0.3 mm	0.5 - 1.5	QS 0.3 - 0.8 mm until full coverage	approx. 0.5 - 1.5	Trowel
MEMBRANE	DENPUR SD	1.5 - 1.8	none	min. 1.5	notched rubber squeegee
WEAR COAT	DENPOX BR	1.5 - 2.0	QS 0.3 - 0.8 mm or 0.7 - 1.2 until full coverage	min. 3	notched rubber squeegee
SEALER or UV resistant alternative:	DENPOX CTC DENSPARTIC ACS	0.6 - 0.9	none	0.5 - 0.7	rubber squeegee and paint roller

TECHNICAL DATA

Properties

System thickness
Adhesive strength at T_{norm} DIN EN 1542
Adhesive strength after freeze-thaw with de-icing salt DIN EN 13687-1 and -2
Dynamic crack bridging (-20°C) DIN EN 1062-7
Grip and slip resistant DIN EN 13036-4, DIN 51130
Chemical resistance DIN EN 13529
Abrasion resistance (H22 Rad) DIN EN ISO 5470-1
Carbon dioxide permeability DIN EN 1062-6
Water vapour permeability DIN EN ISO 7783-1 and -2
Water absorption coefficient DIN EN 1062-3
Impact resistance DIN EN ISO 6772-2
Fire class EN 13501-1

Value

Approx. 6-8 mm
≥ 3.1 N/mm² (≥ 1.5 N/mm²)
2.4 N/mm² (≥ 1.5 N/mm²)
II_{T+V} (B3.2)
57 Skt (≥ 55 Skt) R11-V4 and R12-V6
Test liquids DiBT No. 1, 3, 10
2.100 mg/1000 U (≤ 3.000)
Class III > 1.200 m (> 50 m)
Class III > 200 m (> 50 m)
< 0.01 kg/m² x h^{0.5} (< 0.1)
4 Nm - no cracks
B_{fl}-S1