

Dencryl™ Liquid Roof Deck System (4-4.5 mm)

For concrete/wood substrate

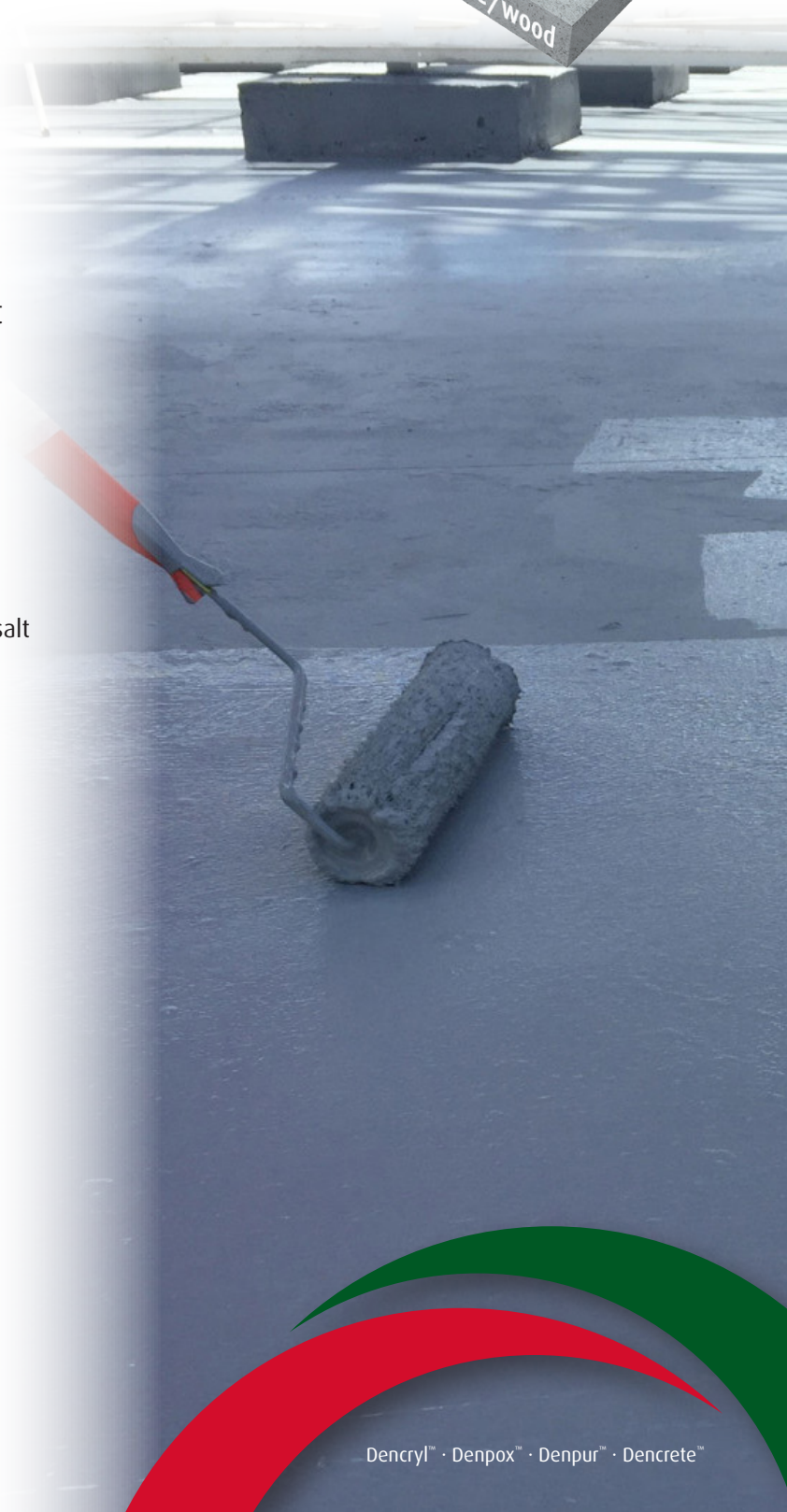
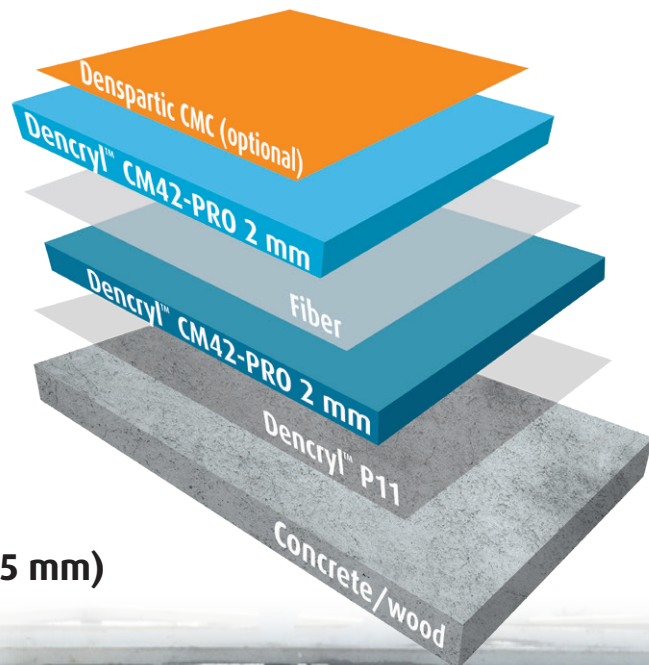
Fast curing roof deck coating system with separate, manually applied waterproofing membrane and with enhanced crack bridging properties (class B 4.2) and IV_{T+V} (-20°C) for existing concrete/wood roofs exposed to light pedestrian traffic. According to EN 1504-2 and DIN V 18026, class OS 11 A / OS Fa.

Benefits

- Fast and low temperature curing (open to traffic after 2 hours)
- Increased dynamic crack bridging class B4.2 at -20°C
- Chemically resistant to oils, petrol, diesel and de-icing salt
- Anti-slip properties for pedestrians and vehicles
- High abrasion resistance
- Seamless application
- Heat reflective
- Reduces inside temperature
- Many colors
- Improves the efficiency of roof installed solar panels
- Risk free installation
- No open fire during installation
- Adhesion to all horizontal and vertical surfaces
- Expected lifetime more than 30 years



For more colors please see separate color chart.



Dencryl™ Liquid Roof Deck System (4-4.5 mm)



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

For concrete/wood substrate

SYSTEM BUILD-UP

LAYER	PRODUCT	CONSUMPTION (kg/m ²)	INTERMEDIATE	THICKNESS (mm)	APPLICATION
PRIMER	DENCRYL P11	0.3 - 0.5	None	Approx. 0.3	Roller or rubber squeegee
MEMBRANE	DENCRYL CM42-PRO	2.0 - 2.5	Reinforced fiber fleece	Min. 2.0	Notched rubber squeegee
MEMBRANE	DENCRYL CM42-PRO	2.0 - 2.5	None	Min. 2.0	Notched rubber squeegee
COLOUR COAT (optional)	Denspartic CMC	0.1-0.15	None	0.1	Short haired 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 Wheel) DIN ISO 9352, ASTM D 1044

Impact resistance DIN EN ISO 6772-2

Fire class EN 13501-1

Value

Approx. 4 - 4.5 mm

≥ 4.0 N/mm²

≥ 2.3 N/mm²

IV_{T+V} (B4.2)

55 Skt R11-V4 and R12-V6 or R13 V10

Test liquids DiBT No. 1, 3, 10

<1500 mg/1000 U

4 Nm - no cracks

B_{fl}-s1