



DacLar (SealRoof R-200)

Single Component Undercoat Waterproofing Membrane

DacLar® R-200 is a high-performance, single-component waterproofing system designed for podium decks, terraces, and roof applications. Used with full reinforcement fabric, it forms a seamless, durable, and crack-bridging membrane that provides long-term protection against water ingress.

Applied beneath screed, tiles, or protective layers, it ensures reliable waterproofing for concealed systems, making it ideal for both new construction and refurbishment projects.

A Unique Environmentally Safe Alternative

DacLar® R-200, when used with reinforcement fabric, replaces multi-layer sheet systems and torch-applied membranes, offering a seamless, reinforced waterproofing solution for podiums, terraces, and roof decks.

Unmatched Multi-Application Ability

DacLar® R-200 stands out with its reinforced waterproofing system using full fabric integration, applied seamlessly as a liquid coating. It allows easy execution of joint-free, reinforced membranes under screed or tiles, even on large horizontal surfaces like podiums and terraces. This system simplifies application compared to traditional sheet membranes while ensuring uniform thickness, strong bonding, and long-term durability under load.

Key Features

- Single-component waterproofing system with reinforcement fabric
- Designed for podiums, terraces, and roof slabs
- Forms a reinforced, seamless membrane
- Excellent crack-bridging with fabric integration
- High durability under screed, tiles, or protection layers
- Strong adhesion to concrete surfaces
- Suitable for heavy-duty horizontal applications

Key Benefits

- Provides robust waterproofing for concealed systems
- Prevents leakage under tiles and screed layers
- Handles structural movement and load effectively
- Eliminates risks of joint failure in sheet systems
- Ideal for large horizontal surfaces like podium decks
- Ensures long-term performance with minimal maintenance

Storage

- Store in sealed, undamaged packaging in dry conditions
- Temperature: above +5°C

- Shelf life: up to 12 months
- Protect from freezing

Usage / Application

- Surface must be clean, dry, and free from dust, oil, and contaminants
- Apply as a single-component system using brush/roller/spray (as per your positioning)
- Apply in multiple coats with reinforcement fabric (full system)
- Suitable for application under screed, tiles, or protection layer
- Application temperature: +5°C to +30°C
- Avoid application on wet surfaces or before rain
- Drying time: 24–48 hours depending on conditions

Applications

- Podium decks and terraces
- Roof slabs and balconies
- Under screed and tile waterproofing systems
- Parking decks and exposed horizontal areas
- Residential and commercial buildings
- New construction and repair projects

Colour: Black*

Top Coat Compatibility

Liquid Rubber is compatible to any water-based paint or any type of cementing or tiling work on top of it after min 10 days of application

Limitations

Must be used with full reinforcement fabric system for optimal performance

Not suitable as an exposed finish—must be covered with screed, tiles, or protection layer

Not recommended for direct traffic exposure without protection layer

Surface must be properly prepared and levelled before application

Requires correct system build-up (base + fabric + top coat)

Avoid application during rain or high moisture conditions

Packaging & Self Life

Bucket: 1 Ltr, 5 Ltr, 10 Ltr

Totes: 1000 Ltr The shelf life is 12 months from the date of manufacturing specified on the packaging

Coverage

Base coat: 8–10 sq.ft/L

With full reinforcement fabric system: lower coverage due to saturation



Total system (base + fabric + top coat): ~6–8 sq.ft/L effective
 Designed for multi-layer application under screed/tiles

Warranty

Daclar® R-200 is supported by a manufacturer-backed warranty for reinforced waterproofing systems used in podiums, terraces, and roof applications. When applied as a complete system with reinforcement fabric, it ensures long-term waterproofing performance under screed or tiles. Warranty is applicable only when the full system and application guidelines are strictly followed.

Notes

- Manufacturer Guarantee 100% Product Authenticity
- Beware of DUPLICATE Liquid Rubber® products
- Please refer to our website at www.liquidrubberworldwide.com for the most up-to-date Product Data Sheets.
- All Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) requirements.

Caution

Keep out of reach of children. Avoid storage below 5°C and under direct sunlight. Please consult the MSDS before using Liquid Rubber®.

Liquid Rubber® is mildly alkaline. When applying this product observe normal safety precautions, wear gloves, eye protection and other suitable protective equipment. For further information please consult the product MSDS.

Physical Properties (Liquid)

Property	Typical Result
Color	Black
Specific Gravity	1.15 - 1.25
Viscosity (Brookfield)	8,000 - 10,000 cps
Volatile Organic Compound	Contains no solvents
Solids Content	60% - 65%
pH	10 - 12

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Performance (Cured Membrane)

Property	Typical Results
Colour	Black
Specific gravity, g/cm ³	Approx. 1.0
Chemical resistance	Resists salt water and most inorganic solutions
Biological resistance ASTM E154, ASTM D412	Passed
Impact Resistance CGSB 37-GP-56 @ 23°C	Passed (168)
Water tightness after impact	Passed (no leakage)
Accelerated Weathering (Xenon arc)	No deterioration of the film
ASTM G 155, 250 hrs	>90% retention of original tensile strength
Tensile Strength ASTM D 412, kPa (psi)	>830 (>120)
Elongation, %	>850%
Recovery ASTM D412, %	90%
Hardness, Durometer 00	85
Hardness, Shore A	20
Hardness, Shore D	4
Adhesion to concrete DeFelsco, kPa (psi)	>1240 (>180)
Adhesion to concrete ASTM C836, N/m (lb/in)	303 (17)
Puncture resistance CGSB 37-GP-56	Passed (no punctures)
Sag flow	None
Blistering ASTM D 714, 1000 hrs exposure	None
Abrasion resistance ASTM F 1677	Good – very good
Water vapor permeance ASTM E 96, ng/Pa·s·m ² (gr/hr·ft ²)	4.99 (0.25)
Permeability ASTM E 96, ng/m·Pa·s	0.071
Air permeance ASTM E 2178, L/s·m ²	0.0004
Permeability methane ASTM D1434-82, cm ³ /sec/atm	1.88 × 10 ⁻⁸
Thermal resistance ASTM C518-04 (2.66/ply)	0.028
UL fire ratings (ballasted)	Class A