LEXCOAT FLASH

WATERPROOFING MEMBRANE AND MASTIC

DESCRIPTION & USE

LEXCOAT FLASH is a low modulus, water curable, polyurethane waterproofing membrane and mastic. This product is used as a high performance, interior or exterior elastic waterproofing membrane and detailing for roofing and waterproofing applications. It is ideal for vertical applications, as well as to waterproof confined areas and irregular shaped details.

Typical Uses:

- SBS Mod. Bit. Roofing
- EPDM Roofing (primer recommended)
- TPO Roofing (primer mandatory)
- PVC Roofing
- BUR Roofing (mix with water first)
- Asphaltic Shingles
- Single Ply Coating
- Coating BUR (mix with water first)
- All-purpose Waterproofing Membrane
- Roofing and Waterproofing Detailing
- Sloping Under Tile
- Concealed Waterproofing
- Under Concrete
- Planter Box Waterproofing
- Under Tile Waterproofing
- Parapet Walls
- Green Roof Waterproofing
- Expansion Joints
- Block and Masonry
- Pot Hole Filling
- Spalled Concrete
- Leveling Uneven Surfaces
- Waterproofing Over Smooth Surfaces and Tile

FEATURES & BENEFITS

Can be applied over wet concrete
Will adhere to damp or wet surfaces

Can be applied to green concrete
Quickens installation process

One component, no odour and non-gassing
A user friendly product

Fast curing
Accelerates application time

No primer required on most substrates
Economical and labour saving

Highly flexible over extreme temperatures
No cracking or tearing.

Versatile
Can be applied at any required thickness and on most substrates

Excellent weathering
For longevity

Resists dirt
When product is cured, it produces a dry film that repels dirt build-up and staining

TECHNICAL DATA

Property	Test	Result
Hardness Shore A	ASTM C-661	30 ± 5 Shore A
Viscosity at 27 ºC (80 ºF)	-	+\- 30 000 cps Brookfield RVFTF spindle 4 RPM, 23 °C (73 °F)
Tear Resistance, Die C	ASTM D-1002	21 ± 3.5 kNm (150 ± 10 psi)
Elongation at Break	ASTM D-412	300-400% ± 50 psi
Specific Gravity	-	1.60 ± 0.1
Total Solids by Weight	ASTM D-236	100%
Total Solids by Volume	ASTM D-2697	100%
Service Temperature	-	-31.7 ºC to 93.3 ºC (-25 ºF to 200 ºF)

Note: Based on draw down films.

lexsucocorporation.com

COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada
1.800.268.2889

Quebec & Atlantic Canada
1.800.363.2307

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Colours:
LEXCOAT FLASH is supplied in white, black and grey colours.

APPROVALS & COMPLIANCES
• ASTM C-920, Type S, Grade NS, Class 25, use NT, T, M, G, A and O
• Federal Specification TT-S-00230-C Type II, Class A
• Corps of Engineers CRD-C-541, Type II, Class A
• Canadian Standards Board CAN 19, 13-M82
• Meets the Criteria of ASTM C-836
• Meets the Criteria of ASTM E-96
• Meets SCAQMD VOC Requirements

PACKAGING
7.57 L (2 gallon) pail.

COVERAGE RATE
40 sq²/gallon @ 40 mils.

SHELF LIFE
2 years when left sealed and with proper storage.

STORAGE
Store in original, unopened containers in a cool, dry area at a temperature between 15 °C to 35 °C (50 °F to 95 °F). Protect unopened containers from heat and direct sunlight. Elevated temperatures will reduce shelf life.

DISPOSAL
LEXCOAT FLASH is considered a hazardous material and must be handled as such, in accordance with local, provincial/state and federal regulations. Refer to product Safety Data Sheet (SDS) for additional information.

APPLICATION INSTRUCTIONS

Surface / Substrate Preparation
All surfaces should be clean and dry with no contaminants that might interfere with the adhesion of the product to the substrate for a long lasting weatherproof seal.

For all types of Single Ply membranes (PVC, TPO, EPDM, KEE), the surface must be sanded with 80-grit paper to increase chemical and mechanical adhesion with the membrane.

EPDM
The use of a primer, such as LEXCAN PA-100, is recommended for better adhesion.

TPO
The use of a primer, such as Lexcan PA-100, is **mandatory** for better adhesion.

Metal
Prepare all metal in a manner to ensure maximum adhesion. Remove all rust, scale and residue by xylene or acetone wipe. Remove films, coatings and oils with an appropriate solvent.

Note: It is recommended that Kynar-coated substrates be tested for adhesion prior to starting the project. Please contact your local representative for specific application guidelines and recommendations.

Concrete
Can be applied directly on green or wet/damp concrete. Remove any contamination by mechanical abrasion, sand blasting or power washing.

Wood
Wood shall be clean, sound and dry prior to sealant application. Treated wood shall be allowed to weather for 6 months. Coatings and paint shall be removed (or tested for compatibility) to ensure a proper bond.

Basics
LEXCOAT FLASH is a one-component, ready-to-use material. Gently mix upon opening of the pail. When the hydro catalyzation is needed, mix with 1 cup (250 ml) per 2 gallon (7.54 L) bucket, using an electric drill and a hexo mixer. It is recommended that a quality notched, trowel, or squeegee be used to ensure ease of application and proper mil thickness. Apply when temperatures are above 4.44 °C (40 °F). If an application is needed below 4.44 °C (40 °F), be sure to mix the LEXCOAT FLASH with water in order to have it catalyzed. When all the proper surface preparation is complete, apply LEXCOAT FLASH to the predetermined mil thickness. LEXCOAT FLASH can be used in vertical or overhead working conditions. The LEXCOAT FLASH may be water cured for heavy application above 508 microns (20 mils), or fast curing applications where weather conditions may change rapidly and fast curing is necessary.

For any other application, please consult with your local representative.

Curing
LEXCOAT FLASH typically skins over within 15 to 45 minutes and cures through in 2 to 6 hours, depending upon temperature, humidity and thickness. Lower temperatures and humidity prolong cure time. Higher temperatures accelerate cure time. For faster results, mix with water.

Equipment Clean-up
Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

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