

FIBERLOCK DETAILER

PRODUCT DATA SHEET



PRODUCT & APPLICATION TOOLS



PRODUCT CODE	GRADE	COLOR	UNIT SIZE
121302-SC	Standard	Light Gray	1 gal (4 L)
Approximate Coverage per Unit:		Up to 29 ft ² (Up to 2.7 m ²)	

DESCRIPTION

The Impermitek's FiberLock Detailer is a cold liquid applied resin with integrally mixed fiber reinforcement for use in roofing and waterproofing applications. Impermitek FiberLock Detailer is ideal for complex or difficult to access details as an alternative to IR-26 resin with TekMat Field 225 reinforcement and can also be used for a wide range of repair applications or for bridging gaps in a substrate.

The FiberLock Detailer offers the versatility of a liquid applied membrane with exceptional performance across a broad range of roofing and waterproofing applications.

ACCESSORY COMPONENTS

The FiberLock Detailer requires the Impermitek Catalyst Powder for curing. It also requires a low temperature accelerator when applied in low ambient temperatures, and a high temperature inhibitor when applied in high ambient temperatures.

CODE	ITEM	SIZE
102031-SC	Catalyst Powder (Pail)	4.4 lb (2 kg)
102030-SC	Catalyst Powder (Box)	55 lb (25 kg)
109205-SC	3L Tub, Lid and 20ml Measuring Scoops	Box of 10
162105-SC	IR-26 Low Temp Accelerator	0.11 gal (0.42 L)
162205-SC	IR-26 High Temp Inhibitor	0.06 gal (0.22 L)

FEATURES

- Flexible polyester resin
- Curing adjusted by grade & additives
- Tough, durable, & UV resistant

STORAGE

Always store closed containers in a cool, ventilated, and dry location, away from heat and oxidizing agents. Do not store in direct sunlight or in temperatures of or below 32°F (0°C) or above 77°F (25°C). Approximate maximum shelf life is 12 months when properly stored, sealed, and unmixed.

WARNINGS

Requires topcoat of Impermitek IR-26 resin.

Ensure temperature and surfaces are in accordance with the application guidelines. Minimum cure and maximum re-coat times should always be followed. When the FiberLock Detailer is left exposed to the elements for extended periods of time or has been contaminated, cleaning or repairing may be required before applying subsequent coats or layers.

MIXING & APPLICATION

Before applying the FiberLock Detailer, ensure that substrates are prepared and primed correctly in accordance with the relevant application recommendations. Mask off the designated work area.

Using a slow-speed (200 to 400 rpm) mechanical agitator, thoroughly mix the entire container of resin for two minutes before use. When temperature conditions demand, add accelerator or inhibitor and thoroughly mix into the resin before adding catalyst. Only catalyze the amount of material that can be used within 10-15 minutes. Add the pre-measured catalyst to the resin component and stir for two minutes and apply to the substrate. Refer to the catalyst information found on this PDS.

After mixing, apply the FiberLock Detailer resin to substrate with reinforcement at the recommended consumption rate using a roller (or brush, if access is restricted). Ensure an even, uniform application across all surfaces.

SAFETY & HANDLING

Please, refer to the relevant Safety Data Sheet (SDS) prior to handling or use. Use materials in strict accordance with published recommendations. Dispose of waste materials in accordance with local, state and federal regulations.

FIBERLOCK DETAILER PRODUCT DATA SHEET



TECHNICAL ASSISTANCE

For further information, please contact Impermitek Technical Services at +1 (780) 906-4600 or technical@impermitek.com. More information can also be found at www.impermitek.com.

Please, refer to Impermitek installation recommendations, application manuals, and guide specifications, for complete information regarding the suitability, application, use, and handling of Impermitek products.

STANDARD GRADE APPLICATION QUICK FACTS

Unit Size gal (L)	Unit Coverage ¹ ft ² (m ²)	Ambient Temperature ²	Substrate Temperature ²	Rain Proof & Pot Life ³	Next Layer Minimum ³	Next Layer Maximum ³
1 (4)	up to 29 (2.7)	34° - 95°F (1° - 35°C)	34° - 104°F (1° - 40°C)	10 – 20 minutes	40 – 60 minutes	7 days

- *Notes:**
- ¹ Includes basecoat only. Coverage is approximate and may be affected by surface-profile.
 - ² Ensure all materials and substrates remain above at least 5°F (3°C) above dew point temperature with a maximum 85% relative humidity.
 - ³ Pot life, rain proof, working, and cure times are approximate and may vary depending on sun exposure, wind, humidity, as well as the ambient, substrate, and resin temperatures at time of application.

SUBSTRATE PROFILE	FT ² /GAL (FT ² /L)*	GAL/100FT ² (L/M ²)*	TOTAL (DFT) MIL (MM)
Smooth (CSP 3)	29 (7.25)	3.7 (1.48)	59 (1.5)

IMPERMITEK FIBERLOCK DETAILER RESIN CATALYST & ADDITIVE MIXING CHART

TEMPERATURE RANGE	34 - 40°F (1 - 4°C)	41 - 49°F (5 - 9°C)	50 - 58°F (10 - 14°C)	59 - 67°F (15 - 19°C)	68 - 76°F (20 - 24°C)	77 - 85°F (25 - 29°C)	86 - 95°F (30 - 35°C)
CATALYST ADDITION RATE	4%	4%	3%	3%	2%	2%	2%

ADDITIVE (1 PER CAN)	Accelerator Required	Accelerator Recommended	N/A	N/A	N/A	Inhibitor Recommended	Inhibitor Required
----------------------	----------------------	-------------------------	-----	-----	-----	-----------------------	--------------------

AMOUNT OF IR-26 RESIN GAL (L)	NUMBER OF CATALYST SCOOPS (HEAPED 20 ML SCOOP)						
0.26 (1)	4	4	3	3	2	2	2
0.53 (2)	8	8	6	6	4	4	4
0.79 (3)	12	12	9	9	6	6	6
1.0 (4)	16	16	12	12	8	8	8

IMPORTANT: The temperature ranges and catalyst addition shown are to be used as a guide. Catalyst levels may be adjusted up or down as required to suit prevailing conditions but should NOT go below the minimum recommended catalyst addition rates. Tested pot life before starting application. In very hot conditions and particularly when performing detailing work, smaller batch mixes are recommended to allow sufficient application time.