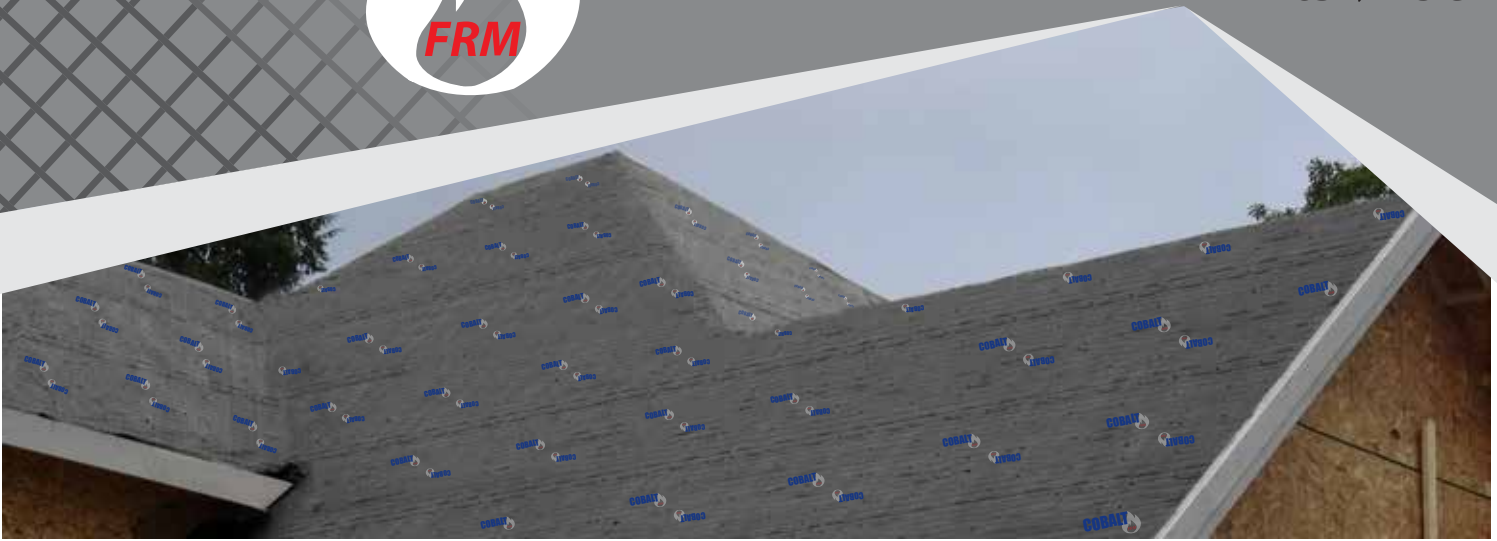
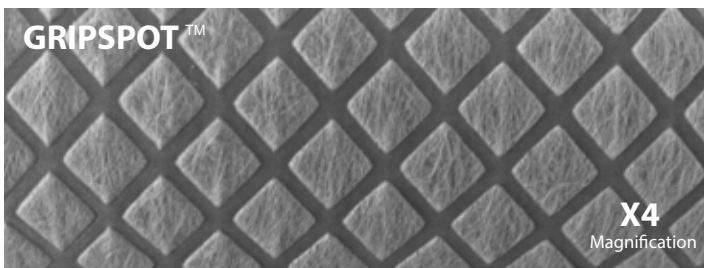




HIGH
TEMP
THERMAL STABILITY
265°F/129°C



FIRE RETARDANT NAIL SEALABLE UNDERLAYMENT



COBALT FRM is a mechanically attached, fire retardant, and nail sealable synthetic roofing underlayment designed for steep sloped roofing applications. This product offers significant contribution towards achieving a UL Class A fire rated roofing system while at the same time offering a nail sealable waterproofing membrane in just one layer. Cobalt FRM offers a unique patented design that features a dedicated fireproofing layer with an inner butyl adhesive waterproofing layer.

This product does not require removal of a release liner like other self-adhered products and therefore avoids complications associated with installing a self-adhered underlayments. No more waisted materials during the installation process or issues removing the underlayment from the deck for re-roof or alterations.

For Low slope application less than 2:12 Cobalt FRM should only be considered applicable as a fire retardant barrier.

COBALT FRM is specifically designed for use in achieving a UL Class A roofing system, meaning that the roof assembly passes flame spread, intermittent flame, and burning brand tests.

This product is designed for use under the following primary roofing materials; class A asphalt glass fiber mat shingles, concrete and clay tiles, and UL listed metal or copper roofing

Key Features:

- ▶ Outstanding ember penetration and fire spread suppression for systems tested under UL790
- ▶ Nail sealable without having to remove a release liner and adhere to a deck - Passes ASTM D1970 for nail sealability
- ▶ GRIPSPOT™ (Patent # 2,938,005) slip resistant walking surface - safer, stable walking surface reduces roofer fatigue
- ▶ Supple and easy to install - 40 Mil thickness
- ▶ Fiberglass reinforced for dimensional stability and added tear strength
- ▶ High temperature thermal stability up to 265°F
- ▶ 180 day UV resistance
- ▶ Limited Lifetime Warranty - warranty matches that of primary roofing material

COBALT FRM

Specification & Standard	Typical Values
Length / width per roll	65 ft (19.8m) / 38 in (96.5 cm)
Weight / sq. ft. per roll	45 lbs (20.4 kg) / 205 sq.ft.
36 Rolls per pallet (44" x 44") / 26 pallets per truckload - 936 rolls per truck load	
Walking surface	GRIPSPOT™ slip resistant
Nail sealability - ASTM D1970	Pass
Permeability - ASTM E96	0.45 Perms
Minimum thickness - ASTM D5147	40 mils (1.02 mm)
Tensile strength MD / CD - ASTM D5035	687 lbs/in / 556 lbs/in
Elongation - ASTM D5035	>30%
Lap seam – waterproof integrity – ASTM D1970	Pass
Tear resistance MD / CD - ASTM D4533	147 lbs 124 lbf
Low temperature flexibility - ICC AC48	Pass
Thermal stability	265° F (129° C)
Min installation temperature	-4° F (-20° C)
UV resistance	180 days
Limited warranty	Lifetime

The Data shown above is based on the test averages and independent test reports. There can be a +/-10% variation in the individual test results. This report should not be considered as a warranty for the manufacturer. The manufacturer is not responsible for the misrepresentation or misinterpretation of the Data by the reader. Find out more call 1-844-353-9839 or visit www.ftsyn.com. The Cobalt FRM and GRIPSPOT™ logos are registered trademarks of FT Synthetics Inc.



Intertek
CCRR - 1028
Control No. 5007301

Cobalt FRM meets or exceeds the following code standards: CCRR-1028, TGFU R40793 - UL790 Class A, AC188, ASTM D8257, California Building Code, California Residential Code, California Fire Marshal