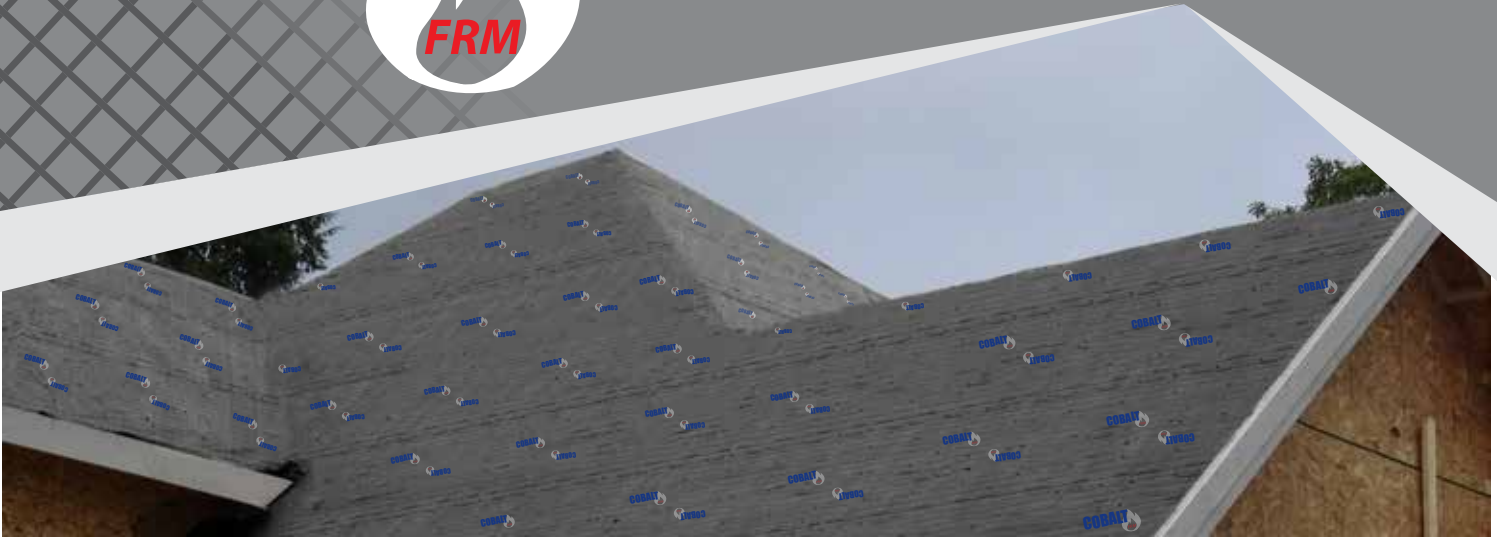


# COBALT

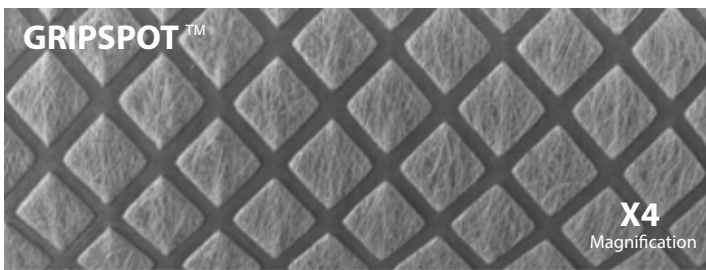


FRM

**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 wasted 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](http://www.ftsyn.com). The Cobalt FRM and GRIPSPOT™ logos are registered trademarks of FT Synthetics Inc.



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