

Conklin Roofing Systems

Flexion® 2.0

20 Year NDL Warranty

CONKLIN®

**ROOFING
SYSTEMS**

Conklin Roofing Systems NDL is a No Dollar Limit Warranty. All systems must be installed per Conklin specifications. Conklin NDL Designated Contractors are independent contractors eligible to install and repair Conklin NDL Warranted roofs.

Flexion® 2.0 Membrane Roofing – 60 Mils Minimum

Product Description:

This CRRC-rated, thermoplastic membrane provides fantastic protection from the elements. Its unique thermoplastic formulation has been reinforced with DuPont® Elvaloy® for superior strength, durability, and flexibility. It is naturally fire-resistant and has been recognized by most major code approval agencies. Flexion 2.0 is an excellent choice for both new and re-roofing applications.

Technical Data:

| MATERIAL PROPERTIES | | | |
|--|----------------|----------------|-------------|
| PROPERTY | MINIMUM | TYPICAL | TEST METHOD |
| Tensile Strength, Grab Warp/Fill | 270 / 240 lbs. | 300 / 300 lbs. | ASTM D751A |
| Tensile Elongation, Grab Warp/Fill | 15 / 15% | 20 / 20% | ASTM D751A |
| Tear Strength, Trapezoidal Warp/Fill | 85 / 85 lbs. | 95 / 95 lbs. | ASTM D751 |
| Properties After Oven Aging (retained) | | | ASTM D573 |
| • Tensile Strength, Grab | 90% | 95% | ASTM D751A |
| • Tensile Elongation | 90% | 95% | ASTM D751 |
| Puncture Strength, Screwdriver | 65 lbs. | 75 lbs. | ASTM D751 |
| Ozone Resistance (no cracks) | Pass | | ASTM D1149 |
| UV Resistance (no cracks) | 26,000 hrs. | | ASTM G154 |
| Water Absorption | <3% | <2.5% | ASTM D471 |
| Dimensional Stability (1 hr./100°C) | <1% | <0.5% | ASTM D1204 |
| Solar Reflectance | 0.86 | | ASTM C1549 |
| Solar Emittance | 0.86 | | ASTM E408 |
| Solar Reflective Index (initial) | 108 | | ASTM E1980 |
| Solar Reflective Index (after 3 years) | 84 | | ASTM E1980 |
| Low Temperature Bend | -40° F | | ASTM D2136 |