

EEFLo11 Everlast® Hi-Grip Primer

DESCRIPTION

Everlast® Hi-Grip Primer is an essential component of a high-performance flooring or coating system. No matter how good the rest of the system may be, the ultimate and long term performance of the system will only be as good as the foundation on which it has been applied.

Everlast Hi-Grip Primer is a surface tolerant ambient cure epoxy primer. It has good adhesion to damp surfaces making it useful in wet and high humid application areas. This low sensitivity to humidity makes Everlast Hi-Grip Primer especially suitable for concrete primer.

Everlast Hi-Grip Primer is a low-viscosity, solvent-free primer. It is typically preferred because it is able to penetrate and strengthen the concrete substrate. It is also safer and more environmentally friendly than solvent containing systems.

RECOMMENDED USES

On concrete substrates Everlast Hi-Grip Primer can help strengthen the substrate by penetrating into the concrete as well as provide a barrier to out gassing, which can cause blistering and delamination.

Everlast Hi-Grip Primer will also facilitate the application of highly filled trowelable materials such as mortar screeds.

In order to achieve optimal adhesion properties on dry, damp or wet concrete, the primer needs sufficient time to penetrate into the substrate; therefore, we do not recommend primers that cure too fast under the existing temperature conditions. The low-viscosity and relatively long gel-time of Everlast Hi-Grip Primer is important in achieving a high degree of adhesion to concrete.

| Property | Typical properties at several temperatures | | | |
|-------------------------------------|--|-------|---------|-------|
| TEST TEMPERATURE | 41° F | 59° F | 73.4° F | 95° F |
| RELATIVE HUMIDITY | 80% | 60% | 50% | 35% |
| MIXED VISCOSITY(3),CP | 3,560 | 2,130 | 1,025 | 450 |
| GEL-TIME(4) (100-G MASS),MINUTES | 695 | 274 | 84 | 60 |
| TACK-FREE TIME(5), HOURS | 22 | 10.5 | 6.5 | 1.6 |
| DRY THROUGH TIME(5), HOURS | 31 | 12.8 | 9 | 3 |

Blending and Coverage

3 Parts (by volume) EEFLo11-A Everlast® Hi-Grip Primer Part A
 2 Parts (by volume) EEFLo11-B Everlast® Hi-Grip Primer Part B
 133-267 sq. ft./gal.@ 6-12 mils

Other Properties

| | |
|---|------|
| PENCIL HARDNESS(ASTM D 3363) | H |
| PERSOZ HARDNESS(ASTM D 4366), SECONDS | 174 |
| CROSS-CUT ADHESION (ASTM D 3359 (0 = WORST, 5 = BEST)) | 5A |
| IMPACT RESISTANCE(ASTM D 2794) (D/R), IN LB. | 38/4 |

Conclusion

Everlast Hi-Grip Primer can provide the applicator with some peace of mind, knowing that the primer system will perform under adverse weather conditions when the substrate is suitably prepared. Furthermore, the applicator now has the tool to ensure that the other components of the flooring or coating system will be applied on a sound foundation.

Note: While Everlast Hi-Grip Primer can provide outstanding adhesion when properly cured and applied, it's ultimate performance will depend on the quality and properties of the actual substrate.

WARRANTY STATEMENT

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Everlast Epoxy Systems, Inc.