



Safety-Grip™

H/G X-Coarse anti slip material

mail@heskins.us

www.heskins.us

08/29/2015

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Description

The product is manufactured from a plastic film base with a top coating of aluminum oxide granules to provide slip resistance, the base has a thick coating of acrylic adhesive, and the adhesive is exposed by removing the protective paper backing liner.

Application

Due to the specific formulation of HG X-Coarse it is solely designed for use in industrial, heavy duty applications, typically construction equipment, agricultural machinery, trucks, access platforms etc. The large valleys in the minerals afford an ability to prevent clogging when saturated with soil, mud and other contaminants thus still offering a safety surface whilst its high quality adhesive is designed to adhere onto powder coated metals which sometimes possess a low energy value requiring exceptional tack levels for permanent bond. Its very harsh and deep grit coating does not lend itself to conventional anti slip requirements, for these applications please try our standard or possibly coarse version.

Product advantages

- ✓ Unique high performance and high coat weight adhesive formulation for permanent bonding onto even the most difficult surfaces
- ✓ Large grit granule anti slip top coating – prevents clogging to ensure it remains an effective anti slip surface even in muddy and soiled conditions
- ✓ Thick and tough plastic base helps prevent tearing and ensures it remains the longest lasting of all self adhesive anti slip materials. HG X-coarse is at least twice as thick as conventional anti slip materials
- ✓ Resistant to chemicals
- ✓ Can be easily installed

Available sizes

Any size is available, please enquire

Product data





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| Test method | Value/result | |
|---|---|------|
| Applied thickness MIL D-1795 I | 0.1" (1.74mm) | |
| Flammability – <i>(For our specific aviation approved flame retardant anti slip material please refer to our H3424)</i> | 4 acceptances Test certificate 20151/1 | |
| Resistance to U.V. | Good | |
| Applied weight | 44 ounce/10.74ft (1255 g/m ²) | |
| DIN 51130 (ZHI/571), German slip resistance test <i>Safest result possible</i> | R13 | |
| Coefficient of friction (slip resistance), ASTM C 1028-96 (static method) <i>High figures indicate higher slip performance</i> | Dry | 1.33 |
| | Wet | 1.21 |
| Coefficient of friction (slip resistance), Pendulum method (dynamic method), conducted using TRL rubber <i>High figures indicate higher slip performance</i> | Dry | 102 |
| | Wet | 80 |
| Minimum application temperature | 39°F | |
| Minimum service temperature | -22°F | |
| Maximum service temperature | 158°F | |
| Adhesive strength | 33.0 | |
| Maximum size of master roll | 46"x300ft | |
| Elongation at break PSTC-31 | 25% | |
| Resistance to water (months) PSTC-35 | 10 | |
| Resistance to chemicals PSTC-35 | Excellent | |
| Resistance to motor oil | Excellent | |



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PSTC-35

But for best results follow the instructions below to ensure maximum performance in all environments.

1) Material Storage

Ensure the material is kept in dry, warm conditions in the original protective packaging.

2) Surface Preparation

A clean, dry surface is essential. Use an IPA cleaner to remove all surface contaminants (paint flakes, etc) – DO NOT use methylated spirits/petrol/lighter fluid etc as these leave behind a thin, greasy residue. Ensure prepared surface is above 39°F.

3) Porous Surface Sealing

Porous surfaces must be sealed prior to application to prevent water attacking the adhesive. Toluene based primers are ideal - we recommend our own product for this job. Apply a thin coat to the cleaned surface using a paint brush, then leave to dry.

4) Tape Application

Peel back part of the release liner then press the adhesive firmly onto the prepared surface, and slowly keep peeling back the liner while applying the tape. Try to ensure that the tape is not stretched or pulled to tightly.

5) Finish!

Once applied, press tape down firmly using even pressure (decorating rollers are excellent for this). We recommend sealing the edges using 'edge fix' as this will extend the life of the product. Only use a small amount down the edges, a thin bead.

If correctly applied, the new anti-slip surface can be walked on straight away, though you will get maximum benefit from the adhesive system after 48 hours.





ANTI-SLIP SOLUTIONS

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