HESKINS
ANTI-SLIP SOLUTIONS
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Safety-Grip™
H/G X-Coarse anti slip material
H3402NUC Technical data

Test Data

Test method	Value/result		Test method
Applied thickness MIL D-17951	1.74mm		Calliper
Flammability	4 acceptances Test certificate 20151/1		Tests performed by Civil Aviations Authority testing house; Laboratory Testing Services Ltd in Otley, UK according to BS5438:1976 Test 2 and BS5867:1980 Part 2 *(For our specific aviation approved flame retardant anti slip material please refer to our H3424)*
Peel adhesion, N/25mm	17.9		180˚ FINAT FTM1
Tensile strength, N/25mm	76.4		Lloyd, 500N load cell
Resistance to U.V.	Good		Grey scale test
Applied weight	1090 g/m²		N/A
DIN 51130 (ZH1/571), German slip resistance test ***Safest result possible, test performed by Säurefliesner-Vereinigung E.V. Research and advisory institute for floor and wall coverings***	R13		**Inclined Platform Test for Slip Resistance In Shod Conditions** The critical angle at which a test person reaches the limit of safe walking on an inclined plane is used as a measure of slip resistance. Operator 1 - Angle of Inclination: 1 >40, 2 >40, 3 >40 Operator 2 - Angle of Inclination: 1 >40, 2 >40, 3 >40
Coefficient of friction (slip resistance)	**Dry**	1.33	Coefficient of friction (slip resistance), ASTM C 1028-96 (static method) *High figures indicate higher slip performance, tests performed by Sotter Friction Testing Laboratory*
	Wet	1.21	High figures indicate higher slip performance, UK Slip Resistance Group guidelines put this in the best safety category, tests performed by

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			Sotter Friction Testing Laboratory
Coefficient of friction (slip resistance), Pendulum method (dynamic method), conducted using TRL rubber	**Dry**	102	High figures indicate higher slip performance, UK Slip Resistance Group guidelines put this in the best safety category, tests performed by Sotter Friction Testing Laboratory
	Wet	80	High figures indicate higher slip performance, UK Slip Resistance Group guidelines put this in the best safety category, tests performed by Sotter Friction Testing Laboratory
Minimum application temperature	4°C		N/A
Minimum service temperature	-30°C		Tests performed by Adhesive Technical, Purfleet, UK
Maximum service temperature	70°C		Tests performed by Adhesive Technical, Purfleet, UK
Adhesive strength	33.0		Test result taken 14/7/2006 by Adhesive Technical Services Ltd, Purfleet, UK, conducted according to AFERA specification Higher figures indicate higher adhesive performance.
Maximum size of master roll	1168mmx100m		N/A
Elongation at break *PSTC-31*	25%↑		PSTC-31
Resistance to water (months) *PSTC-35*	10		PSTC-35
Resistance to chemicals *PSTC-35*	Excellent		PSTC-35
Resistance to motor oil *PSTC-35*	Excellent		PSTC-35

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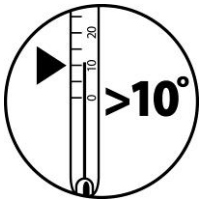
But for best results follow the instructions below to ensure maximum performance in all environments.



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 10°C.

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 taut.

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.

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LRV Test Results

Material/Colour	Av. LRV	Range
H3402V (Green)	0.6	0.93
H3408N (Black)	0	0

The test procedure follows Lucideon In House Test Method WW22, and complies with the requirements of BS.8493:2008+A1:2010.

All the above data is for reference only.