

CHEMSTUK



Softfeel PU-320, SOFT-TOUCH 2K POLYURETHANE COATING 8 LITRE | CLEAR OR TINTED TOPCOAT

Uses

Softfeel PU-320 is a two-pack aliphatic polyurethane that cures to a soft-touch matt finish, between suede and soft rubber. Apply clear over a basecoat to change the feel without changing the colour, or tinted as a full-coverage single coat, on furniture, cabinets, handles and panels. Resists water, oil and grease. Non-yellowing, for indoor and outdoor use. Not for floors or foot-traffic surfaces.

Environment & Health

Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety datasheets for the individual components



UV Resistant



Chemical Resistant



Water Resistant



Environmentally Friendly

Packaging

Supplied as a 2-component kit: Part A (Resin) and Part B (Hardener). Tint included.

Softfeel PU-320 Kit	8 Litre (Part A 4 L + Part B 4 L)
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Curing Times

Pot Life (25°C)	40 minutes
Touch dry	8 hours
Full curing	7 days
Recoat interval, Min	8 hours
Recoat interval, Max	72 hours

Additional Information

Colours	Clear, or tinted to any colour
Finish	Satin
Solid Content (by Volume)-%	60
Theoretical spreading rate	4 m ² /lit 200 Mic. 163 sq ft./US gallon- 7.87mils
Flashpoint	32°C/90°F
Specific gravity	1.05 kg/lit
V.O.C.	40%
Shelf life	2 Years (25°C/77°F) from the time of production.

Substrate Requirements

Suitable substrates: timber primed with Primit, metal primed with Prime-Kote, and rigid or flexible plastics. Prime bare metal with Prime-Kote first.

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Surface Preparation

Clean off all grease, wax and polish. Sand glossy surfaces to a dull, even scratch and wipe off the dust.



Prime bare timber with Primit and bare metal with Prime-Kote. Soft-touch finishes show every speck of dust and every fingerprint of grease underneath, so thorough preparation is essential.

Mixing

Mix Part A and Part B 1:1 by volume until uniform. Use within the 40-minute pot life (25°C). Spray, brush or roller all give the soft-touch feel; with brush or roller, lay off lightly and keep a wet edge.



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Application Method

Method	Spray	Brush	Roller
Thinner (max. vol.)	Xylene	Xylene	Xylene
Pump ratio minimum	NA	NA	NA
Tip size	NA	NA	NA
Tip pressure	NA	NA	NA
Cleaning of tools	Xylene		
Indicated film thickness, dry	200 microns		
Indicated film thickness, wet	260 microns		

Conditions: Do not apply below 5°C, as the coating will not cure properly.

Storage

Time	2 Years in Unopened Packs.
Temperature	Storage temperature between 5°C and 35°C.
Protection	Should be stored inside and protected from frost, weather, moisture, direct sunlight, and contamination ingress.

Remarks

Preceding Coat	Primit (timber), Prime-Kote (bare metal)
Subsequent Coat	Not applicable (finish coat)

A completely clean surface is mandatory to ensure inter-coat adhesion, especially at long recoating intervals. Any dirt, oil, and grease must be removed, e.g., with a suitable detergent. Salts should be removed by freshwater hosing. To verify adequate surface-cleaning quality, a test patch is recommended before recoating.

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Film Thickness

May be specified at a film thickness different from that indicated, depending on the purpose and area of use.

This will alter the spreading rate and may influence drying time and recoating intervals.

Recoating and drying/curing time

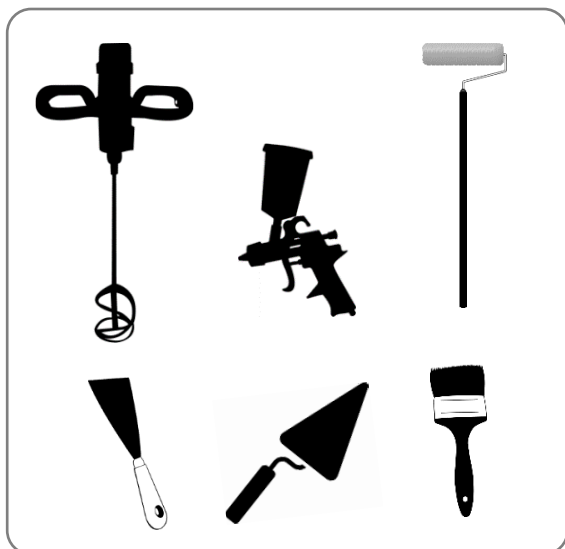
Recoat after 8 hours at 25°C. Under cooler or more humid conditions, allow longer. The full soft feel develops only once fully cured (7 days). Do not judge the finish, handle it hard or stack parts before then.

Safety

Refer to SDS for Dangerous Goods classification.

Application Equipment

The use of correct application equipment is critical, as incorrect application tools can result in poor finishing and incorrect material consumption. Always test the application equipment before commencing work. The following equipment is recommended for this application.



DISCLAIMER

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