



NMS
Hydro Kelpie



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Information contained herein is based on careful investigation and is intended for information only. User is obliged to test the suitability of the products for their particular use. Supplier may change any specifications without notice.

Kelpie Clear HS Compliant Scratch Resistant Clear – low solvent content

It retains an ability to re-flow, even after curing.

Product description – Kelpie Clear 2-pack Compliant Clear – high solids, high functionality at low viscosity

For application ranging from the repair of individual panels to overall re-sprays.

Solid content 45.5% by weight (RFU) – **Excellent flow- High gloss finish – Good DOI**

Kelpie Matt Clear follows the same guidance creating a superb matt finish instead.

The EU limit value for this product (product category IIB.e) in ready for use form is max.840 g/litre of VOC. The VOC content of this product in ready for use form is 540 g/l – 2004/42/IIB(e) (840) 540

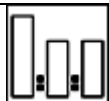
Composition	Acrylic Resins,
Colour	Water white,
Shelf life	36 months in unopened container
Pack size	1litre / 5 litre

Pre-treatment

Kelpie Clear 2K HS Compliant Clear can be applied to solvent and waterborne basecoats



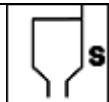
Health and safety "For professional use only" **Important:** When using any **new** product, consult the "**Health and Safety**" data sheet. Always read the risks and precautions stated on the product label.




Mix Ratio 2:1


Kelpie Clear - 2K HS Clear
WA /S /F /R - 025- 2K HS Hardener std / fast / Rapid
N600 - Universal thinner optional.


Volume	Weight
100g	100g
50g	55g
5% optional	



Spraying viscosity
18 to 20 seconds BS 4 cup at 20°C – 14 seconds DIN4 cup at 20°C
Pot life- 11/2 hours at 20°C

	LVLV Compliant Gravity-feed spray gun	fluid tip	1.3 to 1.4	2 – 2.5bar
	Divilbiss GTI Air cap 110	fluid tip	1.3	2 – 2.5 bar
	HVLP gravity-feed	fluid tip	1.3– 1.5	0.7bar at nozzle

	APPLICATION – <u>Important</u> Application at 20°C			
	Number of coats 2 – 1st coa : 1 full wet coat - 5 to 10 mins flash off between coats dependant on temperature - 2nd coat: full wet coat - – 5 to 10 mins rest before baking			
	<u>Bake</u> at 80° air 60°C metal - Film thickness 40 – 50 micron			
NO ‘mist or gripper coats’				

	Drying time:
	Standard Act.
	: Oven bake 50 to 60 minutes at 80 deg. A slower
	- Drying hardener for larger vehicles for retaining a long
	Wet edge – also used in warmer conditions
	Fast / air dry/oven bake /Act:
	- Oven bake 35 min. At 80deg for gun finish
- Air Dry 20°C touch dry 4 – 6 hours through cure overnight	
20 min bake /air dry/Act.	
- Oven bake 20 min at 80 deg for gun finish	
- Air dry 20 deg touch dry 3 to 5 hours	
- Fully cured over night	
Rapid / air dry Act.	
– Oven bake 15 min at 80 deg for gun finish or	
cool to prepare and polish	
- Air dry within 12 hours and cured	
Additional Hardeners: Bullet and Bullet-Xtra plus-flash additives all available for rapid curing (see tech data sheets for more detail)	
NB: drying time will vary with fluctuations in temperature and conditions	

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