



# Technical Data Sheet: Neuthane EU 95A Spray System

MDI – Polyurea spray system

v1 20th April 2020

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## Neuthane EU 95A Spray Sytem - MDI – Polyurea spray system

Properties	Processing	Special Considerations						
<p>This series is a high performance MDI – Polyurea system used for spray applications.</p> <p>They offer:</p> <ul style="list-style-type: none"> <li>• High Abrasion and wear resistance</li> <li>• Rapid reactivity (seconds)</li> <li>• Continuous, Water proofing</li> <li>• High resistance to corrosion and chemicals</li> <li>• Vertical and horizontal applications</li> <li>• No risk to the environment</li> </ul> <p><b>Typical Applications.</b></p> <ul style="list-style-type: none"> <li>• Tank coatings and linings</li> <li>• Pipe/Pipeline coatings</li> <li>• Flooring and parking decks</li> <li>• Bridge deck coating</li> <li>• Water parks and playgrounds</li> <li>• Fuel storage and containment</li> <li>• Aquarium lining</li> <li>• Roof coating</li> <li>• Joint fill / caulk</li> <li>• Manhole and sewer linings</li> <li>• Waste water treatment linings</li> </ul>	<p>Processing can be by high pressure dispensing machine.</p> <p><b>Machine Processing</b></p> <ul style="list-style-type: none"> <li>• Process Iso at 75°C</li> <li>• Process Poly at 75°C</li> <li>• Hose at 85°C</li> <li>• Iso pressure at 2000-2200 psi</li> <li>• Poly pressure at 2000 – 2200 psi</li> </ul>	<p><b>Processing</b></p> <ul style="list-style-type: none"> <li>• Pails or Drums must be melted and rolled so material is fully mixed before use</li> <li>• Avoid moisture contamination of all materials</li> <li>• Remove air, under vacuum, from both components prior to use</li> <li>• Part used containers should be flushed with dry nitrogen and resealed immediately after use</li> <li>• Good tooling temp control for high gloss and surface appearance</li> </ul> <p><b>Storage</b></p> <p>Store for 12 months in the original packaging. Keep the original drums tightly closed to prevent contamination by humidity in a clean, dry environment at temperatures between 10 and 30°C. Add dry nitrogen to already opened drums.</p>						
COST	PROCESSING	ABRASION	DYNAMIC	RESILIENCE	SOLVENT	HUMID/WET	TEMPERATURE	UV STABILITY

Key

Excellent / Good

Good / Average

Average / Poor

## Neuthane EU 95A Spray Sytem - MDI – Polyurea spray system

Neuthane		EU 95A
Mix Ratio Neuthane EU 95A Iso	by weight	100 Grammes
Mix Ratio Neuthane EU 95A Poly	by weight	100 Grammes
Viscosity @ 75°C – Neuthane 95A Iso	cps	135
Viscosity @ 75°C – Neuthane 95A Poly	cps	40
Gel Time	Seconds	5 – 7
Recommended Cure Temperature / Time	°C / hrs	Ambient / 8hrs

<b>Hardness</b>	<b>DIN 2240-91</b>	Shore A	95A
	<b>DIN 2240-91</b>	Shore D	
100% Modulus	BS 903 Pt A2 - ISO 37	lb/in <sup>2</sup> Mpa	1720 (11.8)
Tensile Strength	BS 903 Pt A2 - ISO 37	lb/in <sup>2</sup> Mpa	3530 (24.3)
Tear Strength	BS 903 Pt A2 - ISO 37	1lb/in kN/m	492 (86.2)
Elongation at Break	BS 903 Pt A2 - ISO 37	%	258
Abrasion loss	DIN 53516	mm <sup>3</sup>	<50
Specific Gravity		g/cm <sup>3</sup>	

Information contained in the data above is, to the best of our knowledge, true and accurate. Since conditions of use are beyond our control, no warranty is given or implied in respect of any recommendations or suggestions made by ourselves, nor is freedom from patent infringement inferred.



Notedome Ltd  
Goldenacres Lane  
Binley Industrial Estate  
Coventry  
CV3 2RT

Tel : +44 (0) 2476 635192/3  
Fax : +44 (0) 2476 635509

[sales@notedome.co.uk](mailto:sales@notedome.co.uk)

[www.notedome.com](http://www.notedome.com)

