



## TECHNICAL DATA SHEET

### TWO PACK NON-YELLOWING PU FLOOR FINISH ABNPU400

#### Product Type

UV stabilised clear aliphatic 2-pack polyurethane

#### Properties

An extremely tough but flexible, clear, chemical and stain resistant, wear-resistant, durable and non-yellowing coating.

#### Principal uses

This coating is ideally suited as a binder and finish coating for seamless flooring, and as a durable, non-yellowing sealer/finish for concrete and masonry. UV exposure-related yellowing of epoxy primers and base coats is retarded when this product is used as a finish coat. Also, can be tinted to Australian Standard colours with *Unicolour* Tints.

#### Typical properties

Mixed Solids:	45% (gloss),
Colour:	Light Straw
Specific Gravity:	0.98 mixed approx.
Specular Gloss 60° :	88 (gloss), 39 (10% addition PA-14)
Coverage:	6-8 metres/litre/coat
Drying time:	2.5 hrs gloss, 6 hrs satin (25°C, 65% Rel. Hum). Light foot traffic after overnight drying. Allow 48hrs minimum before any heavy traffic. Requires 5-7 days to achieve full solvent and stain resistance.
Recoat Window:	4-24 hrs
Viscosity:	200 cPs approx. (30°C)
Durability:	Suitable for exterior exposure
UV Protection:	Contains UV absorbers
Water Resistance:	Excellent (no effect after 7 days immersion)
Chemical resistance:	Good resistance to acids, alkalis and most common solvents. Detail available in attached table.
Stain resistance:	Very Good (refer attached table) including tyre stain#
Abrasion Resistance:	Very Good (refer attached table)
Monomeric isocyanate:	<0.7%
Ancillaries available:	Wet Edge Extender (PA-03), PU Cleaning Solvent (PW01, PU Thinner (PT01)s, Flattening additive (PA-14), NY Catalyst (PA07)
Transport and handling:	Flammable product UN1263 PKGIII HAZCHEM 3[Y]E

#### Packaging

20 Litre Kit (15 Litres in 20 Litre O/H pail, 5 Ltr Part B in S/C Can)

! Because of choice of subcoatings and potential extremes in weather and drying conditions during the curing of the floor coating, it is wise not to leave cars tyres directly in contact with the floor for a minimum 7 days and then no longer than overnight for another two weeks. If a vehicle is to be left in contact with the floor for extended periods of time (i.e. greater than 4 weeks), then mats (not made of rubber) should be used.

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All information is given in good faith without warranty. This information does not constitute a specification. Users are encouraged to assess the product under their own conditions and for their own applications.

**Resistance Profile****TWO-PACK NYPU  
FABNPU400****TWO-PACK SATIN NYPU  
FABNPU400+10% PA14**

REAGENT	PARAMETERS	RESULT	RESULT
<b>Industrial Solvents</b>			
Ethyl Acetate	200 double rubs*	NC	NC
MIBK	200 double rubs*	NC	NC
Isopropyl Alcohol	3 hour	Sl. Soften - recovers to NC	Sl. Soften - recovers to Sl. Mark
Xylene	3 hour	Sl. Soften - recovers to NC	Sl. Soften - recovers to Mark
<b>Garage Chemicals</b>			
Antifreeze/water	24 hour	NC	NC
Brake Fluid	24 hour	Sl. Soften - recovers to NC	Sl. Soften - recovers to V.Sl.Mark
Petrol	3 hour	NC	NC
Diesel	24 hour	NC	NC
Skydrol	3 hour	Soften - recovers to Sl.Mark	Soften - recovers to Sl.Mark
	24 hour	Soften - recovers to Mark	Soften - recovers to Mark
Process Oils (recycled car tyres) - tyre stain	24 hour	NC	NC
	48 hrs	NC	NC
	120 hrs	NC	NC
<b>Houshold Chemicals</b>			
Coffee (60°C)	24 hour	NC	NC
	48 hrs	NC	NC
	120 hrs	NC	NC
Sodium Bicarbonate (10%)	24 hour	NC	NC
NaCL (10%)	24 hour	NC	NC
Red Wine	1 day	NC	NC
Vinegar	24 hour	NC	NC
Mustard	24 hour	V.Sl. Stain - removable!	V.Sl. Stain - removable!
<b>Graffiti Chemicals</b>			
black marker pen	24hrs, removal with graffiti remover*	1 Application	1 Application
	48 hrs, removal with graffiti remover*	1 Application	1 Application
Spray Paint	24 hrs, removal with graffiti Remover*	1 Application	3 Applications
Graffiti Remover FWS01	70 double rubs*	Sl. Soften - recovers to NC	Sl. Soften - recovers to NC
	24 hour	NC	NC
<b>Scratch Resistance</b>			
Pencil Hardness		>5H	>5H

**Notes**

1. Samples and reagents @ 23 C
2. NC = No Change
3. \*not DIN ISO 2812
4. ! Removable with Graffiti-Remover FWS01

It is highly recommended that a spill of any chemical must be removed and cleaned as soon as possible.

Test	Test Method	Result	Result
<b>Taber Abrasion</b>	CS-10 1000g		
	1500 revolutions	46 mg	65 mg
<b>Gloss (Specular 60°)#</b>		88	39

# Determined by painting on gloss surface single coat at recommended film weight

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