

410 1K or 2K Polytuff Polyurethane High Gloss & Low Sheen

Go to www.evic.com.au for product and material safety data on all Evic Group Products. FURTHER INFORMATION -- CALL 1800 761 761

410 is a unique polyurethane paint. Can be used as a Single Pack, 1K product or as a 4:1, Two Pack, 2K Finish
Hard, Strong, Extremely Durable Exterior Protection. Outstanding Adhesion - can be used direct to metal

Brush, Roll, Spray Application

PRODUCT FEATURES

- * Outstanding Exterior Durability - Unlike most quick dry finished 410 has superior resistance to UV exposure and will maintain its gloss when other Q.D. single packs have failed. Petrol & Diesel resistant.
- * No time limits on recoating - 410 Polytuff is easy to apply and recoat anytime
- * Can be applied by Brush, Roller or Spray (Conventional or Electrostatic spray)
- * Outstanding Bloom Resistance
- * Available in Full Gloss & Low Sheen Gloss
- * You can get your favorite colours packed in aerosols - the exact same paint & colour - that's convenient

410 is an ideal coating for Trucks, Buses, Caravans, Earth moving, farm equipment , machinery, trailers, frames, chassis, metal fencing and Structures.

410 30% is a very hard, tuff beautiful Finish - you can get a silky smooth result even by brush or spray. The addition of 410+ Hardener makes a quite unique amazingly tuff durable low shen finish

410 range is a great above the water line Marine finish

Optional HARDENER - Part B

410+ Hardener is fast drying and will help set-off and enhance the performance of both 410 Gloss & 30% Finish

By mixing by volume 4 parts 410 to 1 Part 410 Hardener you will effectively increase strength, durability , adhesion and more by about 20%

Not only suitable for Gloss, the addition of 410+ Part B into the 30% paint does slightly increase the gloss to about 40% but further increase the adhesion and tuffness

of this coating - We have had truck companied report this combination makes possibly the "Best Chassis Finish" available.

AVAILABLE SIZES

410 - 1L 4L and 20L Cans Also 300g Aerosols

410+ Hardener 1L and 5L

For 4L 410 Polytuff use 1L 410+ Hardener. For 20L 410 Polytuff use 5L 410+ Hardener

COLOURS

70 Standard Industrial colours any virtually unlimited range of any solid colour. including Australian Standards, RAL, Powder coat and many Earth moving and Industrial Equipment.

Bright Colours have good to outstanding opacity

410 Polytuff is XTint compatible for in-house colour creation and matching.

PERFORMANCE

Extensive testing confirms the premium performance of Evic Rapid Dry Enamel which has excellent Gloss and hardness

Bloom Resistance: Excellent resistance to blooming

Weather: Excellent performance with exterior exposure

Heat: Preforms in temperatures up to 150oC (dry heat)

Fuels: Good resistance to Petrol & Diesel splash & spillage

Solvent: Resist alcohol and mineral turps. Fresh film is liable to attack from strong solvents

Acid/Alkali: Not recommended where fumes, splash or spillage of acids/alkali may occur

Salts: Withstands spalsh and spillage of neutral salts only

Water: Resist rain and condensation. Not recommended for permanently damp or immersed exposure

Abrasion: Good to Excellent resistance to abrasion

Gloss: Outstanding "off the gun" or Brushing Gloss and Low Sheen Finish

Note: All the above are futher enhance when 410 is used as a 2 pack (4:1) Finish

SPRAY EQUIPMENT

Spray Application

Conventional Spray: Gravity or Suction Gun, use a 1.4 - 1.8mm Set up, Air Pressure approximately 275 - 310 kPa (40 - 45 psi)

Airless Spray: Use heavy duty airless spray unit with 11 - 15 thou plus tip.

Pressure Pot: Set pressure at 55kPa (8 psi) and maintain gun air presssure at approximately 275kPa (40 psi)

Electrostatic: Thin 410 with Evic 340S Electrostatic solvent

Spray, For best results, apply one light coat allowing flash off time until surface is just touch dry followed by 1 to 2 full coat of 410 Polytuff to the substrate.

Try to get additional coat on edges to improved build and protection.

Optional: Allow overnight dry, denib any area if required that apply a further application coat of 410 Polytuff.

BRUSH -Brushing

Use a high quality paint brush, depending on gloss level (30% generally needs more thinner) Thin 10-20% with Evic 900S Slow Polyurethane thinner.

410 should gluide on and flow to give an excellent brush finish, after a reasonable short period it will then set and should be left.

ROLL -Rolling

Use a medium to short nap roller (10mm microfibre work well) Thin 10-20% with Evic 900S Slow Polyurethane thinner

On substates it may be necessary to use a Roll & Tip method. This is where the surface is rolled, then a light brush stoke (tipping) is use to smooth out or to disperse any mibcro bubbles.

THINNING QUANTITY

Spraying:

Thin 10 - 30% with 220S in Cool to Moderate Conditions, Hot Conditions use Evic 620S

If spraying large objects (especially outside) Evic 850S Polyurethane thinner will give a longer wet edge and blending time

Electrostatic use Evic 340S Electrostatic thinner

Brush & Rolling:

Thin 15 - 30% with Evic 900S Slow Polyurethane Thinner

220S or 620S could be use for small or touch up areas

MIXING & USING 410+ HARDENER

410+ PLUS Fast Hardener is mixed by volume 1 part Hardener to 4 parts 410 Gloss or 30% Polytuff. After adding the 410+ Hardener. Stir in then add thinning solvent as per normal

410+ Hardener will give the mixture a pot life of between 4-8 hours depending on the temperature & humidity (Higher Temp & Humidity both reduce the pot life time)

Eventually the mixture will start to noticeably thicken and at this point it should no longer be used.

410+ Hardener will initially have minimal effect on the initial drying of 410 Polytuff but later it will accelerate the cure rate. 410+ will add extra gloss, more noticeable on the low sheen finish will increase from 30% to approx 40%. Chemical resistance and durability will also increase to the order of approximately 20%

410+ Hardener is suitable to use for all application methods

For 4L Polytuff, purchase 1L 410+ Hardener (Code 410B-001) For 20L of Polytuff, purchase 5L 410+ Hardener (Code 410B-005)

For volume users 410+ comes in a 2x5L Economy Box (410B-005-Bx2)

DRY TIMES

Touch Dry: 15-30 minutes

Time to Handling: 1 hour

Time to Recoat: 4 hours

PREPARATION

Ferrous Metals

Abrasive blast clean to AS1627 Part 4 Class 2 as a minimum standard. If unable to abrasive blast clean, remove as much rust and mill scale by power tools and or wire brushing then thoroughly degrease and clean using Evic 825S Solvent.

1st Coat - 146e etch, 240-245P, 004 evapoxy

2nd Coat - 410 Polytuff Polyurethane

3rd Coat - (optional) 410 Polytuff Polyurethane

Non Ferrous Metals

Thoroughly degrease and clean with Evic 180S wax & Grease remover or 825S Cleaning solvent. Lightly abrade with medium Scotch Brite or 240g paper if possible.

1st coat 146e Etch & Protect Primer

2nd Coat - 410 Polytuff Polyurethane

3rd Coat - (optional) 410 Polytuff Polyurethane

Previously Painted Surfaces

Substrate should be thoroughly cleaned and all loose paint removed. Glossy surfaces should be well sanded

1st Coat - 260P Rapid Sanding Primer or 952 2K Primer Filler or if sound surface apply 410 Directly

2nd Coat - 410 Polytuff Polyurethane

3rd Coat - (optional) 410 Polytuff Polyurethane

COLOUR MATCHING

Because of the variations that occur in paint charts, samples. etc., it is your responsibility to ensure any colour we provide is correct or acceptable to you and your customer before you use it.

We recommend reading Evic's Guide to Colour for comprehensive details of our colour service and terms and conditions of sale.

70 STANDARD COLOURS: 410G Polytuff is available in 70 standard colours as represented. When initially determining a colour standard, we seek a good commercial match; the absolute closeness of which is dependent on our considerations to improve opacity, durability and cost.

All colours we process are stored digitally in our custom-designed colour database for accuracy and repeatability. Ordering repeat colours is simply a matter of using the Evic-assigned Colour Code and Name or Re-order Code.

If you are unsure about the colour yourself, ask your client to confirm it is suitable for the project. This step is vital to ensure you have the colour you require. If for any reason the colour is not acceptable, contact the Evic Group before use.

Please Note: Australian Standards (all 200+ colours) are available through our colour database. Most European RAL Colour Standards are available.

NON-STANDARD COLOURS: Matching services are available for custom-made colours. If the colour your require is not an available standard or a variation of a known colour (i.e. not currently part of our database), we require a flat sample, at least the size of a 50 cent piece in good condition to match against. A small paint flake is not suitable.

If total accuracy is not required, perhaps one of the colour standards we currently have may be close enough!

COVERAGE

Approx 6 square meters/Litre per application. Variations will occur depending on the surface profile and the size and shapes of the articles been sprayed.

CLEAN UP

Spray equipment should be thoroughly flushed clean before the coating cures with Evic 220S Mineral turps, 620S, M10S or 825S solvent.

SAFETY DATA

For more safety information, please read Evic Safety Data Sheet M410 before use.

SHELF LIFE

For longer storage once part used transfer into smaller containers with minimal air pad

USERS

This is a specialised industrial coating and should only be applied by experienced and competent tradespersons who will use correct protective wear and use in accordance with the manufacturers instructions and specifications.

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FURTHER INFORMATION -- CALL THE EVIC GROUP ON 1800 761 761

146 ETCH & PROTECT PRIMER

- Fast drying single pack acid epoxy etch primer
- High quality, high performance etch
- 146e Light Grey - ideal base colour for bright top coats Reds, Yellows, Orange etc
- 147e White - ideal base for white & off white transport colours
- 147e Black - ideal base for dark grey & black top coats
- Provides a fast drying key adhering coat & primer to many difficult structural metals such as: mild steel, aluminium, galvanised, zincalume, brass and other alloys.
- High quality recipe & manufacture means outstanding gloss and appearance of topcoats.

DRYING	20 mins handle	1-2 hours to top coat
APPLICATION	Spray	(Brush or Roll small areas only)
THINNING	Evic 145S	approx. 15%
AVAILABLE	<div> <div>1L</div> <div>4L</div> <div>20L</div> <div>Aerosol</div> </div>	



240 ZINC PHOSPHATE ANTI CORROSIVE PRIMER

- Fast drying, high build single pack
- 240p Light Grey - ideal base colour for bright top coats Reds, Yellows, Orange etc
- 245p Red Oxide - ideal for dark colour top coats
- Can over-coated with 1K single pack & 2K top coat
- Excellent corrosion resistance, ideal as a shop or field primer for structural steel, machinery, transport items
- No need to overcoat for interior use
- High quality recipe & manufacture means outstanding gloss and appearance of topcoats

DRYING	1 hour handle	4 hours to top coat
APPLICATION	Spray	(Brush or Roll small areas only)
THINNING	Evic 220S	approx. 15%
AVAILABLE	<div> <div>1L</div> <div>4L</div> <div>20L</div> <div>Aerosol</div> </div>	



260P Rapid Primer Filler

- Fast drying, easy sanding surfacer
- 260p Grey - Single pack automotive sanding Primer surfacer
- Fast drying, excellent filling primer surfacer.
- Ideal for the preparation of steel subframes, chassis, interior and exterior bodywork.
- Apply over prepared metals and most previously painted surfaces
- Will easily sand to a smooth ready to paint surface

DRYING	Ready to sand; 30 mins to 1 hour	
APPLICATION	Spray (Brush small areas only)	
THINNING	Evic 145S	approx. 10-15%
AVAILABLE	<div> <div>1L</div> <div>4L</div> <div>20L</div> </div>	



410

Paintdirect Standard Industrial Aerosol Range

Single Pack or 2 Pack Polyurethane

Agriculture, Earth Moving & Machinery.

Polytuff Gloss & Low Sheen

All of the below products are available in bulk sizes. 1L, 4L and 20L

SWATCH	PRODUCT CODE	COLOUR NAME	GROUP	Qty 1	Qty 12	Qty 24
	PAI-PD0620-410G-A	Red Ox Gloss	2			
	PAI-PD0649-410G-A	Dexion Blue Gloss	3			
	PAI-PD0657-410G-A	Graphite Gloss	2			
	PAI-PD0659-410G-A	Pewter Gloss	2			
	PAI-PD0660-410G-A	Bridge Gloss	2			
	PAI-PD0664-410G-A	Light Grey Gloss	1			
	PAI-PD0669-410G-A	Assembly Green	3			
	PAI-PD0762-410G-A	New Cat Yellow Gloss	2			
	PAI-PD0819-410G-A	LPS Grey Gloss	1			
	PAI-PD1006-410G-A	Safety Yellow Gloss	3			
	PAI-PD1008-410G-A	Line Yellow Gloss	3			
	PAI-PD1011-410G-A	Barrier Yellow	3			
	PAI-PD1012-410G-A	Signal Orange Gloss	3			
	PAI-PD1015-410G-A	Native Blue Gloss	2			
	PAI-PD1018-410G-A	Ultra Blue Gloss	2			
	PAI-PD1020-410G-A	J.D. Green Gloss	3			
	PAI-PD1022-410G-A	New White Gloss	1			
	PAI-PD1023-410G-A	White Out Gloss	1			
	PAI-PD1024-410G-A	Soft Cream Gloss	1			
	PAI-PD1027-410G-A	Transport White Gloss	1			
	PAI-PD1030-410G-A	Pearl Beige Gloss	1			
	PAI-PD1033-410G-A	Crimson Gloss	3			
	PAI-PD1035-410G-A	Fire Red Gloss	3			
	PAI-PDW-410G	White Stock Gloss	W			
	PAI-PDB-210M-A	Black Matt 210M				
	PAI-PDB-410M	Black Matt 410M				
	PAI-PDB-210S-A	Black Satin 210S				
	PAI-PDB-410G-A	Black Gloss 410G				
	PAI-PDS-210S-A	Silver Satin 210S				



(NEW High-Cover Yellow)

16.50

15.50

14.90

