




PUTTY 420

SPRAYABLE PUTTY

Disolac Putty 420 is a liquid putty for spray application, suitable for **leveling large surfaces** saving time in the application.

MAIN FEATURES

- 
Superior pot-life, for a greater amount of preparation.
 - Pot life 45' at 20°C without solvent.
 - Pot life 120' at 20°C with 10% solvent.
- 
More uniform and smoother finishes to optimize sanding, thanks to the dilution with its specific solvent (art. 600677).
- 
Adhesion to steel, galvanized, aluminum, fiberglass and gelcoat and epoxy primers, to ensure protection.
- 
Very good sandability:
 - 400 microns: 4h
 - 300 microns: 3h
- 
Applicable with most industrial equipments:
 - Gravity fed gun, overpressured gun, pressure pot, airless, air assisted airless, roller.

MIX

600145	Disolac Putty 420	20kg
600051 / 601032	Liquid hardener for polyester	500-600g
600677	Disolac Putty Solvent	10-15%



STRUCTURES



COMMERCIAL VEHICLES



INDUSTRIAL EQUIPMENT



HEAVY-DUTY EQUIPMENT



AGRICULTURAL AND CONSTRUCTION EQUIPMENT



RECYCLING



DISOLAC PUTTY 420

Polyester putty for spray gun application

PRODUCTS

Putty	DISOLAC PUTTY 420	
Hardener	LIQUID HARDENER FOR POLYESTER	100:3 (weight) 100:4'7 (volume)
Thinner	DISOLAC PUTTY SOLVENT	0-15% (weight) 0-20% (volume)

DESCRIPTION AND PROPERTIES

- Putty for spray gun application.
- High thickness without the risk of sagging.
- Fast drying and good sanding.
- High flexibility
- Superior pot life.
- This product must be applied on equipment that complies with Directive 2010/75/EU.
- Direct adhesion to multiple metal substrates.
- It is recommended to use Disolac Primapox 6041 epoxy primer as an adhesion promoter to the substrate or to improve the anticorrosive protection of the paint system. In this case it should be allowed to dry completely (minimum 24 hours) before recoating with Disolac Putty 420.
- Disolac Putty 420 should be isolated with a Disolac primer or base coat prior to topcoat application. It is recommended that Primapur 9021, 9041, 9051 or 9141 be used after the putty has been cured.

CHARACTERISTICS OF DISOLAC PUTTY 420

Appearance	Smooth
Gloss	Matt
Specific weight	1,6 kg/l a 20°C
Solid content (without dilution)	75-79 % (weight) 55-59% (volume)
Solid content ready to use + 10% dilution	67-71 % (weight) 51-47 % (volume)
Dry film thickness	400 microns (2 coats)
VOC (g/L) without dilution	380 g/L
VOC (g/L) 10% dilution in volume	460 g/L
Theoretical yield 1 µm per litre of mixing without dilution (A+B)	550-600 m²/l
Theoretical yield 1 µm per litre of mixing 10% dilution (A+B+C)	450-500 m²/l

SUSTRATE AND PREPARATION OF THE SURFACE





The substrate must be free of grease, oil and other contaminants. Before painting, the surface must be dry. To avoid condensation on the substrate, the substrate temperature should always be higher than 3°C of the dew point.

	CLEANING	SANDING	FINAL CLEANING*
Old paints	DA93	P360/400	DA93
Steel	DA93	P360/400 (optional)	DA93
Galvanized Steel	DA93	P360/400	DA93
Aluminium	DA93	P360/400 (optional)	DA93
Fiberglass	DA93	P360/400 (optional)	DA93
Gelcoat	DA93	P360/400	DA93
Primers			
Primapox 6041	DA93	P360/400 (optional)	DA93

For other kind of substrates consult the Technical Service (SAT).

*In this case it is not recommended to use Metal Degreaser.






APPLICATION

	Application	% thinner (Vol.)	Viscosity - 20°C (Centipoises 100 RPM)	Air pressure (BAR)	Product pressure (BAR)	Nozzle (mm)	Nº of coats x µm dry	Flash off (min)
	Airless	0-10%	1000 - 5000	---	180-200	15-19	2x 150-300	10-15'
	Air-assisted airless	0-10%	1000 - 5000	0,4-0,8	150-180	13-19	2x 150-300	10-15'
	Roller	0-10%	1000 - 5000	---	---	---	3x 100-150	15-20'
	Gravity spray gun	0-15%	1000 - 3000	2	---	2,5-3	2x 150-200	10-15'
	Pressure spray gun / Cylinder	0-10%	1000 - 5000	1,8-2,5	0,3-0,8	2,5-3	2x 150-200	10-15'



% Thinner (Vol.)	Pot life 20°C (min)	Gel time 20°C (min)
0%	45'	70'
10%	120'	180'

DRYING

 TEMPERATURE				
20° C	30'	1h 30'	Sanded with P180/P240 >3h dft <300 microns >4h dft >300 microns	>3h
60° C	-	-	30'	

The product reaches its maximum performance after 15 days of drying in the air (ambient temperature 18-22°C) or in a shorter time at a higher temperature.

SAFETY

- Follow instructions of product label.
- For more information check the Safety Data Sheet.
- Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

- Store the product in a ventilated place far from direct exposure to sunlight.
- Keep between +5°C and +30°C.

SHELF LIFE

- One year in unopened original packaging.

These products are for professional use only. The Safety Data Sheet should be consulted before use and the precautionary warnings on the product packaging should be observed. Its correct use, according to its purpose and respecting its technical and security data, provided in these documents, is the sole and exclusive responsibility of the user. ROBERLO S.A.U declines any liability due to the incorrect use of any product.

The information included in this documentation is based on our scientific and technical knowledge on the date of its issuance. ROBERLO reserves the right to modify and/or discontinue all or part of the information at any time and without prior notice. It is the user's responsibility to verify the update of the information. The latest version of this document replaces all previous versions.

All clauses contained herein apply to any future changes or modifications.

For any additional technical information please consult with our Customer Service or our Technical Department.