Technical data sheet
PROTECT 370
One-component acrylic filler

PROPERTIES	
PROTECT 370 FILLER – a one-component acrylic filling primer. The product is intended first for filling of putty-coated surfaces and old paint coatings. It is not recommended for application directly on metals since it provides no anti-corrosion protection. The main advantage of PROTECT 370 is its short drying time which facilitates very fast repair.	
RELATED PRODUCTS	
THIN 850	Acrylic thinner Standard, Fast and Slow
SUBSTRATES	
Old paint coatings, including thermoplastic paints	Degrease, dry sand with P220 – P280, blow off, degrease again.
Polyester putties	Dry sand, use P240 - P320 for final sanding, blow off, degrease.
Epoxy primers	Up to 12 hours without sanding, after 12 hours sand dry with P320, blow off, degrease.
Steel	Degrease, dry sand with P120, blow off, degrease again.
Plastics	Degrease with the PLUS 780 degreaser, mat with a needled cloth, degrease again. Use the PLUS 700 adhesion increasing agent.
Polyester laminates	Degrease, dry sand with P280, blow off, degrease again.

MIXING RATIO

	Volume ratio	Weight ratio
PROTECT 370	5	100
THIN 850	1	12

Apply the thinner in the amount calculated for the primer.

VISCOSITY

DIN 4/20°C	50 – 70 s

CONTENT OF VOLATILE ORGANIC COMPOUNDS

VOC II/B/c limit*	540 g/l
Actual VOC content	540 g/l

* For ready to use mixture acc. to EU Directive 2004/42/CE

APPLICATION CONDITIONS

It is recommended to apply the primer at a temperature above 15°C and a humidity of no more than 80 %.

APPLICATION

		Nozzle	Pressure	Distance
CAUTION: Instructions of the equipment manufacturer must be followed.	Conventional gravity fed spray gun	1.6 — 1.8 mm	3 — 4 bar	15 — 20 cm
	Low-pressure gravity fed HVLP spray gun	1.6 — 1.7 mm	2 bar	10 — 15 cm

Number of layers	2
Single dry layer thickness	15 — 20 µm
The yield of the ready to use mixture for the given range of dry layer thickness	8.0 m^2/l at 40 µm
Flash off between layers at 20℃	5 —10 min

DRYING TIMES

20℃	60℃
45 – 60 min	15 min

SANDING

Dry sanding	P360 — P500
Wet sanding	P600 — P1000

THIN 850 ACRYLIC THINNER

Surface	15 — 20℃	20 — 25℃	25 — 35℃
Small 1-2 elements, spot repair	THIN 850 Fast	THIN 850 Fast	THIN 850 Standard
Medium 3-5 elements	THIN 850 Fast / Standard	THIN 850 Standard	THIN 850 Slow
Large more than 5 elements	THIN 850 Standard / Slow)	THIN 850 Slow	THIN 850 Slow

COLOUR	
Grey.	
EQUIPMENT CLEANING	
THIN 850 acrylic thinner or NC solvent.	
STORAGE CONDITIONS	
Store in a cool dry room, away from sources of fire and heat. Avoid direct exposure to sunlight.	
SHELF LIFE	
PROTECT 370	24 months/20℃
THIN 850	24 months/20℃
SAFETY	
See Safety Data Sheet.	
OTHER INFORMATION	
The effectiveness of our systems results from laboratory research and many years of experience. The data contained herein meets the current knowledge about our products and their application potential. We ensure high quality, provided the user follows the instructions and the work is performed in accordance with good workmanship. It is necessary to do a test application of the product due to its potentially different reaction with different materials. We may not be held liable for defects if the final result was affected by factors beyond our control.	

ADDITIONAL INFORMATION

WEIGHT QUANTITY OF COMPONENTS:

CAUTION!

In order to obtain a primer with appropriate parameters it is very important to exactly dose the individual components.

Mixture quantity	PROTECT 370	THIN 850
0.10 l	116 g	15 g
0.15 l	173 g	22 g
0.20 l	231 g	30 g
0.25 l	289 g	37 g
0.30 l	347 g	45 g
0.40 l	462 g	59 g
0.50 l	578 g	74 g
0.75 l	867 g	111 g
1.00 l	1156 g	148 g