FÜLLER 100 Acrylic Filler

Description:	A filler based on high quality acrylic resins with reduced VOC content. Thanks to a high spraying viscosity, the product can be applied in very thick layers that perfectly repair even relatively large scratches and irregularities on substrate. The filler can also be applied in a primer version in compliance with the guidelines of the EU Directive 2004/42/EC of 21 April 2004 on the limitation of emissions of volatile organic compounds. The product can be used as a primer for solventborne and waterborne basecoats. The product has an excellent adhesion to various types of substrates
Substrates:	- old paint coatings, - polyester putties, - polyester laminates, - plastics, - steel, - wash primers, - two-component epoxy primers.
Surface preparation:	- old paint coatings: degrease and dry sand with P220 - P360 paper, - polyester putties: smooth finish by dry sanding with P240 - P320, - polyester laminates: degrease and dry sand with P280, - plastics: clean with the Silicone Degreaser and mat with an abrasive finishing pad. Degrease again and apply the adhesion increasing agent and the elasticity increasing agent, - steel surfaces: degrease and dry sand with P120 - P240, - epoxy primers: no sanding for up to 12 hours, otherwise sand with P320;

Mixing ratio

	Volume ratio	Weight ratio
Filling version		
FÜLLER 100 Acrylic filler	5	100
FÜLLER HÄRTER/FÜLLER 100 HÄRTER Hardener for acrylic filler	1	12,5
THINNER Acrylic, epoxy and basecoat thinner	10%	5.5
Priming version		
FÜLLER 100 Acrylic filler	5	100
FÜLLER HÄRTER/FÜLLER 100 HÄRTER Hardener for acrylic filler	1	12.5
THINNER Acrylic, epoxy and basecoat thinner	20%	11

The thinner quantity is given as calculated on the basis of the primer.

Supplementary products: Complementary articles:
FÜLLER HÄRTER/FÜLLER 100 HÄRTER
Hardener for acrylic filler
THINNER Acrylic, epoxy and basecoat thinner.

Potlife: Ca. 45 min. at 20ºC

Application parameters:

Filling version:

Spray viscosity:	DIN 4/20°C - 45 - 60 s
Spray gun nozzle:	∅1.6 - 1.8mm
Operating pressure:	3 - 4 bar

Priming version:

Spray viscosity:	DIN 4/20°C - 26 - 34 s
Spray gun nozzle:	∅1.6 - 1.8mm
Operating pressure:	3 - 4 bar

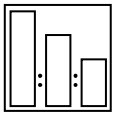
Volatile organic compounds content:

VOC II/B/c limit* = 540g/l
Filling version: VOC = 490g/l
Priming version: VOC = 520g/l

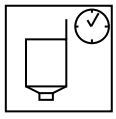
* for ready to use mixture acc. to EU Directive 2004/42/CE

Procedure:

Apply two wet layers, leave each to flash off for 5-10 at 20°C. The flash-off time depends on the temperature and the layer thickness.



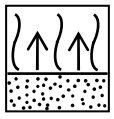
Ratio:
5+1+10%
5+1+20%



DIN 4/20°C
45-60 s
26-34 s

45 mins/20°C

2X, 3-4bar
Ø 1.6-1.8 m



5-10 mins

120 mins/20°C
30 mins/60°C

P360 - P500

P600 - 1000

Layer thickness:	
Filling version:	40-60 µm per each layer
Priming version:	30-50 µm per each layer
Curing time:	120mins at 20°C; 30 min at 60°C, for a maximum of two layers.
Theoretical yield:	The complete mixture (1 l of the filler + the correct ratio of the hardener) gives ca. 6 m^2 of ca. 100 µm thick layer.
Recommended sand paper grades:	
Dry machine sanding:	P360 - P500
Dry hand sanding:	P400 - P500
Wet machine sanding:	P600 - P1000
Wet hand sanding:	P800 - P1000
Colour:	White, grey, black, beige, graphite.
Equipment cleaning:	NC solvent, THINNER Acrylic, epoxy and basecoat thinner.
Storage conditions and shelf life:	Store in a dry and cool room, away from sources of fire and heat. Avoid direct exposure to sunlight. FÜLLER 100 Acrylic filler: 24 months at 20°C. FÜLLER HÄRTER/FÜLLER 100 HÄRTER Hardener for acrylic filler: 18 months at 20°C. THINNER Acrylic, epoxy and basecoat thinner: 24 months at 20°C.
Safety regulations:	See the Safety Data Sheet of the product in question.

Other informations:

Registration number: 000024104.

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.