

THE NEW UNIFILL

H I G H B U I L D P R I M E R



THE HIGH BUILD PRIMER

THAT MAKES IT SPECIAL:



1K UNIFILL

Universal High Build primer filler for the insulation of sanded-through areas. It is ideally used for spot repairs. We have once again optimized this proven product:

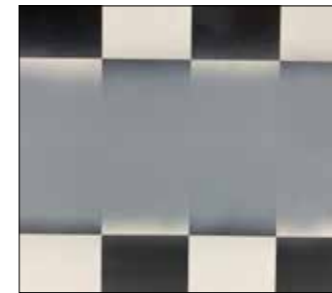
- Particularly high layer thickness**
 A much higher film thickness in combination with a much better flow - which makes the processing of the product way easier. You achieve the desired result with fewer spray passes.
- Improved spray pattern with little overspray**
 The selected fan nozzle delivers an even finer spray atomization and allows for an even shorter spraying distance and therefore a more uniform and defined spray pattern with significantly less overspray.
- Optimal stability and improved sandability**
 The product can be easily processed after application. Due to improved sandability (wet and dry) as well as recoatability and compatibility with many common base and topcoat systems (check compatibility).

WE HAVE TESTED THE FEATURES:

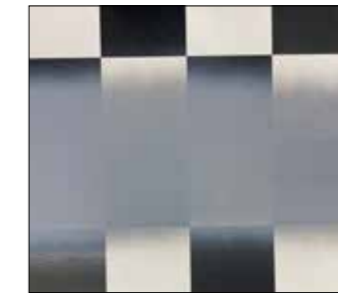
Our application engineer comments on the new version: „I was particularly impressed by the high layer thickness of our improved Unifill compared to the competitor’s product. The choice of the new nozzle also results in a better spray pattern with very little overspray.

The recommendation: „Even though the new Unifill is convincing with its high layer thickness, I recommend to build up the desired film thickness by applying several thin spray passes (6-8 spray passes). Due to the even shorter flash-off time of a thin layer, you can achieve an even faster and optimal painting result in no time.“

SPRAY PATTERN



Unifill new



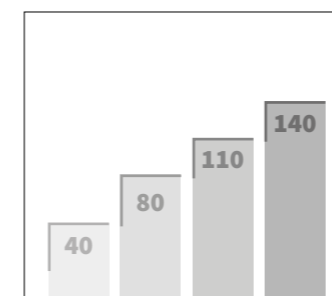
Unifill old



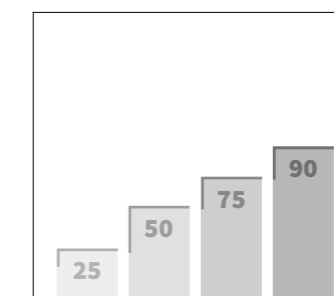
Competitor product

LAYER STRUCTURE

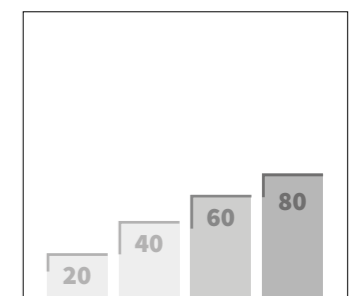
Filler application in several layers, measured with layer thickness tester



Unifill new: high build (up to max. 150 µm) in 4-5 spray passes



Unifill old



Competitor product

(specifications in µm)

FEATURE EVALUATION

	Unifill new	Unifill old	Competitor product
Universal application for all substrates (metal)	5	5	5
Adhesion	4	3	4
Corrosion protection	4	4	4
Coating structure / Filling power	5	3	2
Nozzle / spray pattern / processing	5	4	4
Drying times	4	4	4
Sandability (hand & machine)	5	4	4
Stability	5	4	3
Total score (max. 40 points)	37	31	30

5 = very good
 4 = good
 3 = average
 2 = below average
 1 = very bad

Art.No.	Colour	Filling
680 420	S1 white matt	500 ml
680 421	S2 light grey matt	500 ml
680 422	S4 mid grey matt	500 ml
680 423	S6 dark grey matt	500 ml
680 424	S7 black matt	500 ml



An optimised layering reduces paint costs and optimises your processing time.

Application area

Recommended for: Parts and repair painting - Suitable substrates: Steel, aluminum. For many common plastics. (Due to the many types of plastics available on the market, compatibility with the substrate must be checked in advance in each individual case).

	<p>Preparation</p> <p>Remove any visible rust, sand substrates with P180 - P240 abrasive paper, clean and degrease.</p>
	<p>Preparation</p> <p>Shake can thoroughly for at least 2 minutes from when the mixing balls are heard.</p>
	<p>Spraying distance</p> <p>5-10 cm</p>
	<p>Spray passes</p> <p>Dry film thickness up to max. 140 µm (approx. 3-4 spray passes à 40 µm)</p>
	<p>Drying</p> <p>TG1 dust dry: 2 - 5 min. TG3 dry to touch: 5 - 10 min. Ready for sanding: 45 min. The stated values refer to the above-mentioned processing conditions. The level of dryness is determined pursuant to DIN 53150.</p>
	<p>Further processing</p> <p>Can be coated with all conventional 1K or 2K top coats, and solvent and water-based paints. Check compatibility with the surface. For dry sanding with a machine, the use of soft discs with foam backing P360 - P500 is recommended. Wet sanding by hand with P500 - P800.</p>
	<p>Shelf Life</p> <p>60 Month / 20 °C</p>

For further product information, see technical data sheet and safety data sheet.



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