Technical Data Sheet
BSE Primer SUMO DADDY (white/grey/black)

v.10-10.2018

CHARACTERISTICS:
Two-component acrylic filler with high content of solids. It has very good filling properties. Excellent flow, no tendency to sag, as well as easy application and sanding, allow for excellent surface quality. This product provides very good protection against corrosion. It is recommended for steel, aluminium, galvanised surfaces, polyester laminates, as well as surface covered with polyester putties. It is intended for dry and wet manual/machine sanding.

APPLICATION:
The surface being repaired must be clean, dry, matted and degreased. Measure out the A+B mixture by volume: 4 parts by volume of filler (A) and 1 part by volume of hardener (B), then mix thoroughly. Add a thinner for acrylic products (C) in an amount of 10 - 20 vol. % of component A. Apply with a spray gun (spray nozzle 1.5 - 2.2 mm) in 1 - 3 layers, with a 10 - 20 minute (depends on the hardener) interval to evaporate solvents before applying the next layer.

TECHNICAL DATA:
VOC 2004/42/IIB(c)(540) max. 540 g/l
BSE primer SUMO DADDY:
Shelf life: 18 months | Density (20°C): 1.58 – 1.62 g/cm³ | Colour: white
Hardener standard / very fast / slow / universal / winter:
Shelf life: 12 months | Density (20°C): 0.92 – 1.01 g/cm³ | Colour: colourless/slightly yellow
Thinner standard / fast / slow:
Shelf life: 24 months | Density (20°C): 0.88 – 0.90 g/cm³ | Colour: colourless

Also available in black and grey

MIXING RATIO			
	**-**	**by volume**	**by weight**
	Filler (A)	4	100
	Hardener (B)	1	15.4 (standard, very fast, universal, winter) 14.7 (slow)
	Thinner (C)	10 - 20 vol. % of component A	5.6 - 11.1 wt. % of component A

SPRAYING VISCOSITY		
	**DIN cup 4 mm (20°C)**	25 - 30 s

APPLICATION					
	**Gravity feed spray gun**	**nozzle**		**pressure**	
		1.5 - 2.2 mm		operating pressure according to spray gun manufacturer's recommendations	
	**Application**	**number of layers**	**flash-off time**	**single layer thickness**	**coating thickness**
		1 - 3	10 min 10 - 20 min (CDL-04.026)	60 - 80 µm	60 - 240 µm

Recommended application conditions	temperature 18 - 22°C, humidity 40 - 60%
Theoretical coverage	7 - 8 m^2/l (with a layer thickness of 80 µm)
Pot life (20°C)	up to 1 h

DRYING TIMES			
	Object temperature / **Hardener type**	**60°C**	**20°C**
	standard	35 - 45 min	5 - 8 h
	very fast	20 - 30 min	3 - 5 h
	slow	60 min	10 - 12 h
	universal	35 - 45 min	5 - 8 h
	winter	20 - 25 min	2 - 3 h
	IR drying	Short and medium wave: 12 - 15 min 12 - 20 min (hardener slow) Follow IR lamp manufacturer's recommendations. Keep the flash-off time before drying.	
	Dry sanding	P400 - P600	
	Wet sanding	P800 - P1000	

NOTES:
Allow the product to reach the recommended application temperature in a natural, unforced way (avoid rapid heating/cooling). Temperature of the product and the object being painted and ambient temperature should be approx. 20°C.

STORAGE AND TRANSPORT:
Protect from frost, heat, sunlight and moisture. Store tightly closed in a dry and cool place.
Recommended storage temperature: +10 to +30°C.