



### GENERAL INFORMATION

MM 3000 - 3046 BeroThane HS420 3000 Series is a VOC compliant high quality 2-pack finish. With a high UV resistance and gloss retention. Specially developed for passenger cars, commercial vehicles and equipment.

### MIXING RATIO



2 : 1 HS420 Top Coat : BeroThane Hardener + 20% Thinner  
2 : 1 HS420 Top Coat : BeroThane Hardener + 20% HS Taping Additive

### COMPONENTS



8-465 BeroThane Hardener  
8-841 BeroThane Thinner Fast  
8-851 BeroThane Thinner Medium  
8-861 BeroThane Thinner Slow  
1-231 Fade-Out Thinner

### GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,2 - 1,3	2 / 29
HE	1,2 - 1,3	2,0 - 2,5 / 29 - 36
Pressure tank	0,85 - 1,1	-
Airless/ Airmix	0,009" - 0,011" / 40"	180 - 200

### ADDITIVES



1-060 2K Structure Coat Fine  
1-065 2K Structure Coat Coarse  
47-39 2K Elastic  
30-49 HS Matting Agent  
30-69 HS Taping Additive

### APPLICATION



1,5 - 2 coat 50 - 75 µm (2,0 - 3,0 mil)  
3 - 12 minutes Flash off.

### SURFACE PREPARATION



Pre clean the surface with 1-951 Silicone Remover wipe on and wipe dry. Sand surface with P400 or finer grit abrasive. Remove all sanding debris with compressed air, sanding vacuum and clean with 1-951 Silicone Remover wipe on and wipe dry.



**Mask entire vehicle to eliminate unwanted overspray.**

### FLASH OFF AND DRY TIMES



Type of repair	Hardener	Thinner	Time at 60°C
High temp. total respray objects (van)	8-465	8-861	40 minutes
Normal temp. total respray high temp. panel repair	8-465	8-851	30 minutes
Normal temp. panel repair	8-465	8-841	20 minutes



### NEXT LAYER



### SUBSTRATES



MM 3000 - 3046 BeroThane HS420 3000 Series should only be applied over well sanded/scuffed and degreased primed bare steel, primed aluminium and primed plastic. Old paint systems in good condition.

**Please make sure you choose a suitable primer/surfacer by checking the TDS of the primer/surfacer.**

### POT LIFE AT 20°C / 68°F



30 - 120 minutes

### PHYSICAL DATA

EU REGULATIONS MM 3000 - 3046 BeroThane HS420 3000 Series		
VOC Code	2004/42/11B(d)(420)402	
Product sub category (according directive 2004/42/EC) and max VOC content (ISO 11890-1/2) of the ready to use product.	11B/d. Topcoat - All types. EU limit values: 420 g/L (2007). This product contains a maximum of 402 g/L VOC.	
Chemical Base	2K Polyurethane Topcoat	
Physical Properties	Viscosity (RTS)	17 - 19 Dincup 4 / 20°C
	Specific Gravity (kg/l)	1,034
	Flash Point Closed Cup	28,5°C / 83,3°F
	Volume % Solids	54
	Economy	11 m <sup>2</sup> /L/50 µm 440 ft <sup>2</sup> /Gal/2 mil
	Gloss	High gloss
	Colour	-



**DEBEER**  
REFINISH

**MM 3000 - 3046**  
BeroThane HS420 3000 Series

## PROTECTION



Use suitable respiratory protection  
(*fresh air supply respirator is strongly recommended*).

For more detailed information please visit the following link for the  
Safety Data Sheet:

[SDS DeBeer](#)

## CLEAN UP



1-051 Gun Cleaner

## STORAGE/SHELF LIFE



The up-to-date shelf life overview can be found by  
clicking on the following link:

[Shelf life overview DeBeer](#)

## NOTES



**All reported product properties on the TDS are  
determined at a temperature of 20°C / 68°F unless  
specified otherwise.**

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. © 2021 Valspar b.v. All rights reserved.

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