



GENERAL INFORMATION

DTM2035 Multi-Use Direct to Metal Primer surfacer/sealer is formulated to provide the ultimate in performance, productivity, versatility, adhesion, durability, moisture and corrosion resistance, and superior sanding and sealing characteristics.



1. COMPONENTS

- DTM2035 DTM Surfacer/Sealer
- DTMA2035 Activator for DTM2035
- 171 Reducer Fast
- 172 Reducer Medium
- 173 Reducer Slow
- 174 Reducer Very Slow
- 171HP Reducer High Performance Fast
- 172HP Reducer High Performance Medium
- 173HP Reducer High Performance Slow
- 174HP Reducer High Performance Very Slow
- X01 Reducer Fast Low VOC
- X02 Reducer Medium Low VOC
- LVBF100 Reducer Fast Low VOC
- LVBM100 Reducer Medium Low VOC
- LVBS100 Reducer Slow Low VOC



2. MIXING RATIO

AS PRIMER SURFACER - 4:1:1 (by volume)

- Mix four (4) parts DTM2035 to one (1) part DTMA2035 activator and reduce with one (1) part solvents or reducers listed above

USA VOC compliant rules:

- For VOC 4.8 compliant use 170 or 170HP Series Reducers
- For VOC 3.5 compliant use Low VOC Reducers: X01, X02 or LVB100 Series Reducers

AS PRIMER SEALER - 4:1:2 (by volume)

- Mix four (4) parts DTM2035 to one (1) part DTMA2035 activator and reduced with two (2) parts solvents or reducers listed above

USA VOC compliant rules:

- For VOC 4.6 compliant use 170 or 170HP Series Reducers
- For VOC 3.5 compliant use Low VOC Reducers: X01, X02 or LVB100 Series Reducers



3. POT LIFE @ 77°F (25°C)

- 45-60 Minutes



4. CLEAN UP

- Use Valspar Refinish Reducers listed above (check local regulations)



5. ADDITIVES

- N/A



6. SURFACE PREPARATION

- Wipe surface with 155 Surface Cleaner (steel) or 170 Aqua Clean (steel/aluminum) and wipe dry with clean cloth before product flashes
- Sand and featheredge substrate with P320 grit sandpaper or equivalent
- Clean surface with 155 Surface Cleaner or 170 Aqua Clean and wipe dry with clean cloth before product flashes

7. TOPCOATS

- N/A



8. TECH NOTES

- N/A



9. SUBSTRATES

- Properly cleaned and sanded aluminum, steel, galvanized steel or sand blasted steel
 - Properly cleaned and sanded fiberglass, SMC, E-Coat and OEM Finish
- NOTE:** Do not apply over Self Etching Primers



10. APPLICATION

AS PRIMER SURFACER:

- Spray one (1) to three (3) medium wet coats
- Allow 10-15 minutes between or until surface has dulled to a matte finish
- Recommended Dry Film Thickness 1.0-4.0 mils (25-100 µm)

AS PRIMER SEALER

- Spray one (1) medium coat
- Recommended Dry Film Thickness 0.6-1.0 mils (15-25 µm)

NOTE:

- Surface temperature should be 50-100°F (10-38°C) with less than 80% humidity preferred
- If sealer is allowed to dry more than 12 hours before topcoating, sealer must be re-sanded



11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)	AS PRIMER SURFACER	AS PRIMER SEALER
Flash Time	10-15 Minutes	5-10 Minutes
To Sand	60-90 Minutes	Nib Sand 20 Minutes
To Topcoat	30 Minutes	20-30 Minutes
To Topcoat Without Sanding	N/A	8 Hours Max



12. INFRARED CURE

- N/A



13. GUN SET UP



CONVENTIONAL GUN	AS PRIMER SURFACER	AS PRIMER SEALER
Nozzle	1.5-1.9 mm	1.3-1.5 mm
Air Cap	1.5-1.9 mm	1.3-1.5 mm
Inlet Air Pressure	30-45 psi (2.0-3.1 bar)	30-45 psi (2.0-3.1 bar)

HVLP	AS PRIMER SURFACER	AS PRIMER SEALER
Nozzle	1.5-1.9 mm	1.3-1.5 mm
Air Cap	1.5-1.9 mm	1.3-1.5 mm
Inlet Air Pressure	20-30 psi (1.5-2.0 bar)	25-35 psi (1.7-2.5 bar)

See spray gun manufacturer info

If used as instructed, this product is designed to comply with the US National Volatile Organic Compound (VOC) Emission Standard for Automobile Refinish Coatings. Confirm compliance with state and local air quality rules before use. 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.



14. PHYSICAL DATA (continued)

FOR USA (4.8/3.5 LBS./GAL Compliance):

RTS REGULATORY DATA	4:1:1		4:1:1	
	(170 or 170HP Series Reducers)		(X01, X02 or LVB100 Series Reducers)	
	LBS./ GAL.	g/L	LBS./ GAL.	g/L
Actual VOC	4.3 Max.	525 Max.	2.6 Max.	315 Max.
Regulatory VOC (less water and exempt solvents)	4.8 Max.	580 Max.	3.5 Max.	420 Max.
Density	10 - 13	1200 - 1560	10 - 13	1200 - 1560
	WT. %	VOL. %	WT. %	VOL. %
Total Solids Content	55 - 65	35 - 45	55 - 65	35 - 45
Total Volatile Content	35 - 45	55 - 65	35 - 45	55 - 65
Water	0	0	0	0
Exempt Compound Content	10 - 20	10 - 20	25 - 35	25 - 35
Coating Category	Primer Surfacer			

NOTE: US Regulations allow for the use of exempt compounds for VOC calculations.

FOR USA (4.6/3.5 LBS./GAL Compliance):

RTS REGULATORY DATA	4:1:2		4:1:2	
	(170 or 170HP Series Reducers)		(X02 or LVB100 Series Reducers)	
	LBS./ GAL.	g/L	LBS./ GAL.	g/L
Actual VOC	4.0 Max.	479 Max.	2.45 Max.	290 Max.
Regulatory VOC (less water and exempt solvents)	4.6 Max.	550 Max.	3.5 Max.	420 Max.
Density	10 - 13	1200 - 1560	10 - 13	1200 - 1560
	WT. %	VOL. %	WT. %	VOL. %
Total Solids Content	50 - 60	30 - 40	45 - 55	30 - 40
Total Volatile Content	40 - 50	60 - 70	45 - 55	60 - 70
Water	0	0	0	0
Exempt Compound Content	10 - 20	10 - 20	30 - 40	40 - 50
Coating Category	Primer Sealer			

NOTE: US Regulations allow for the use of exempt compounds for VOC calculations.



14. PHYSICAL DATA (continued)

FOR REST-OF-WORLD (outside US and Canada):

RTS REGULATORY DATA	4:1:1		4:1:2	
	(170 or 170HP Series Reducers)		(170 or 170HP Series Reducers)	
	LBS./ GAL.	g/L	LBS./ GAL.	g/L
VOC	5.2 Max.	625 Max.	5.8 Max.	700 Max.
Density	10 - 13	1200 - 1560	10 - 13	1200 - 1560
	WT. %	VOL. %	WT. %	VOL. %
Total Solids Content	55 - 65	35 - 45	50 - 60	30 - 40
Total Volatile Content	35 - 45	55 - 65	40 - 50	60 - 70
Water	0	0	0	0
Coating Category	Primer Surfacer		Primer Sealer	

NOTES

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