

# Thinners / Reducers / Diluent

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Indestructible have a range of Thinners and Reducers for use with specific ranges of coatings. The table below describes the products, relevant approvals and recommended uses.

Please note that thinners / reducers / diluent are a recommendation and may be subject to local application conditions and for local environmental legislation.

For example at high ambient and surface temperatures, coatings have a difficult time wetting out the surface prior to cure. Again, depending on the type of coating, the first 30-40 minutes are most critical for proper adhesion and cure of the applied coating. Whenever possible, try to avoid midday heat and do the application during early mornings or later evening. Be careful, however, of the humidity and dew point. If coating work must be done during high ambient temperatures, it is necessary to adjust thinning and change the application techniques to avoid problems. The use of a slow thinner at a higher than normal thinning level will keep the film wet longer and allow it to wet into the surface for good adhesion and optimum performance. However, be careful of excessive surface temperatures, rapid evaporation of solvents, and, in some cases, a portion of curing agent or modifiers getting into trouble with cure kinetics of the applied coating.

Product Code	Approval	Uses / Notes	Product Range to be used with
IP9151	OMAT 7/183	Standard thinner for aerospace products	Multi MSRR Approvals
665-550-025	MSRR9226, 9228, DTD5562, 56D	Standard thinner for Rockhard Range	
665-555-027		Slow thinner for Rockhard Range	
666-552-023		Rockhard fast thinner (made to order)	
IP9038		Thinner for IP9042 Kit	
IP9064-Thin	MSRR 9064, OMAT 793A	Thinner for IP9064 Range, 2 pack epoxies	IP9064-Range
IP9064-TDXL	MSRR 9064, OMAT 781A	Thinner for 1 pack and 2 pack etch primers	IP9064-Range
IP985-Reducer	ECS2178/2264	Reducer for reduced VOC Rockhard coatings	IP985-Range

IP715-Reducer	CPWA 714/5, PWA 36568/9	Reducer for P & W low VOC 2 pack epoxies IP714 & IP715	IP-714 & IP-715
IP7800-Reducer	TBC	TBC – Pending Confirmation	TBC
IP3-Reducer	PRO599	Reducer for low VOC epoxy and PU coatings	IP3-Range
IP2372-Reducer		Slow Reducer for low VOC epoxy and PU coatings	
IP-40028		Peelcoat Thinner	IP-40027
IP-40026		Thinner Alt T124	
IP33-Reducer			IP33 1 pk acrylic range and Fluorescent
IP37-Reducer			2 pk Acrylic
IP80-27-THIN	Def Stan 80-27	Thinners for use with IP80-27 and IP80-126 ranges	IP80-27 Range
IP80-38	Def Stan 80-38	Thinner for Def-Stan 80-38 Paints	Def-Stan 80-38 Paints
IP80-68-THINNER	Def Stan 80-68	Thinners for IP80-68 range	IP80-68 Range
IP8067	Def Stan 80-67	Can be used with IP80-175	
IP-MEG-Reducer		Fast Cut Reducer	IP3 & IP6 Range at Meggitt Aircraft Braking Systems
IPwash 1	Def Stan 79-17/1	Water based alkaline high performance cleaner	
S-30	Omat 7/96A, Omat 7/137A, Omat 7/184	Thinner for polyimide range coatings	
09342		E/S Spraying stoving thinner	
18662		Phenolformaldehyde Lacquer Thinner	
18802		Cellulose thinner	
40006 Gunwash		High quality Gunwash	

40008		Thinner for K900 and others	
40019		Thinner for Polyimide	
40024		Cleaner / Thinner for polyimide range coatings	IP9286 Range
IP9286Thin		Non NMP diluent / cleaner for Polyimides including IP9286 ; PL163 ; IP9134 etc	<b>NEW October 18</b> IP9286 ; PL163 ; IP9134 etc
40020		Thinner to be used with 40036	40036 – Red Acid Resistant Stop off Lacquer
40040		Fast set up thinner for epoxy and PU coatings	
40046		Thinner (EGA Replacement)	
40048-1201		Thinner A.P.C	
40049-1301		Thinner A.P.C	
40054	Dowty props PS 5618	Cleaner / Degreaser solution	
42000		Industrial thinner for epoxy and PU coatings	
48021		Slow thinner for 2 pack P/U	
50004		E/S thinner for low VOC epoxy	
53-Reducer		Thinner for 53-Range	
Acri-Thin		Thinner for 1 pack acrylics	
ACETONE	BS509/1987	Acetone BS509/1987	
IPA	BS1595:1986	ISOPROPANOL BS1595:1986	
MEK	BS1940:1987	M.E.K BS1940:1987	
S-02	BS245	White Spirit – Dead Fish Label	
S-50		White Spirit	
TOLUENE	BS805/1	Toluene BS805/1	
De-Aromatised White Spirit (D40)		More environmentally friendly compared with S-02 – No Dead Fish Label	

Xylene	BS458/1 (ASTM-D-843/80)	Xylene BS458/1 (ASTM-D-843/80)	
S-25		Methoxy Propanol	GKN spec M0932-001 issue C
S-027	Methanol BS 506	Methyl Alcohol	