



MIROTONE

Leading the way in coating systems since 1938

MIROTHANE PU Part B Hardeners Selector Guide

MIROTHANE PU Part A's Mixing Ratio (By Volume)

PU Part B's	Drying Speed	Low Yellowing?	Solids	Flexibility	Clear Coatings										Comments			
					5533 Sealer	5588 Top Coat	5545 Sealer	5555 Top Coat Satin	5555 Top Coat Full Gloss	5600 Under Coat	5625 Under Coat	5608 Top Coat	5650 Top Coat Satin	5650 Top Coat Full Gloss		5605 Top Coat Satin	5605 Top Coat Full Gloss	5610 Top Coat
5746	Fast	Yes ●	Med	Good	4A:1B		2A:1B					4A:1B						Fast drying, versatile hardener with medium solids. Ideal for sealers and undercoats.
5791	Fast	No	High	Good			3A:1B											Fast drying, high solids hardener enabling rapid handling. Ideal for clear coatings over stained timber and dark wood species or for undercoats. (Not recommended where low yellowing properties are required or in pigmented topcoats).
5747	Med /Fast	Yes ●●	Med	Very Good	4A:1B	4A:1B	2A:1B	1A:1B	1A:1B	2A:1B	4A:1B	4A:1B	1A:1B	1A:1B	2A:1B			Highly versatile hardener with very good flexibility and low yellowing properties. Provides trouble free application in a broad range of application environments. Ideally suited for subdued gloss finishes. Faster drying than MIROTHANE PU 5750 Hardener.
5750	Med	Yes ●●	High	Very Good										3A:1B Semi Gloss	3A:1B			High solids, flexible, low yellowing hardener. Faster drying than MIROTHANE PU 5705 Hardener. When mixed with PU 5605 Satin produces a Semi Gloss finish.
5705	Med	Yes ●●	High	Very Good	10A:1B		5A:1B							3A:1B Semi Gloss	3A:1B			High solids, flexible, low yellowing hardener. Slightly slower drying than MIROTHANE PU 5750 Hardener but with higher gloss. When mixed with PU 5605 Satin produces a Semi Gloss finish.
5780	Med /Slow	Yes ●●	Med	Excellent				1A:1B	1A:1B	2A:1B				1A:1B				Highly flexible, low yellowing hardener with excellent flow and leveling. Ideal for full gloss finishes. Provides a good balance between achieving a high gloss while maintaining early print free/packaging times.
5725	Slow	No	Med	Good							4A:1B							Medium solids hardener.
5710	Slow	Yes ●●●	High	Excellent						5A:1B						2A:1B	4A:1B	Highly flexible, low yellowing hardener with superior flow and leveling. Ideal slow hardener for hot weather.
5781	Slow	Yes ●●●	High	Excellent					2A:1B					2A:1B				Highly flexible, low yellowing hardener providing superior gloss and distinction of image in full gloss systems but requires longer time before packing.

A:B	Existing mixing ratio still applicable	A:B	Tested & Approved	A:B	First Choice
●	Low Yellowing	●●	Very Low Yellowing	●●●	Lowest Yellowing

All approved PU Hardeners for the MIROTHANE PU Part A's listed above that have the same mixing ratios may be blended to achieve different drying rates.