



MIROSHIELD 3900 UV Absorber Additive

MIROSHIELD 3900 UV Absorber Additive for solvent based coatings contains a sophisticated package of UV absorbers and light stabilisers that have been proven highly effective in protecting reconstituted, dyed and natural wood veneers from colour change when exposed to ultra violet (UV) light. MIROSHIELD 3900 UV Absorber Additive will increase the durability of clear coatings to which it is added.

Product Advantages

- Excellent UV blocker, minimises colour shift of sensitive substrates when exposed to UV light and improves coating durability.
- Universal, may be added to MIROCAT PC, MIROBILD AC and MIROTHANE PU clear coatings.
- Easy to use, simply add the correct amount to the desired coating.

Typical Applications

Interior use. Ideal for reconstituted, dyed and natural wood veneers when protection from UV light is required.

Semi exterior applications e.g. covered entry doors and internal faces of opening windows.

Note: MIROSHIELD 3900 UV Absorber Additive will minimise the colour shift of reconstituted and dyed veneers when exposed to UV light. However due to the slight yellow tone attributed to the UV absorber package, MIROSHIELD 3900 UV Absorber Additive will impart a slight yellow tone to substrates to which it is applied. Caution therefore needs to be exercised when applying clear coatings containing MIROSHIELD 3900 UV Absorber Additive over white, light pastel, limed finishes or blond timbers/veneers to ensure that the final colour meets your requirements.

It is the users responsibility to ensure that any clear coating containing MIROSHIELD 3900 UV Absorber Additive meets their requirements.

Addition Rate:	mL of 3900 to add per Litre	mL of 3900 to add per 4 Litre	mL of 3900 to add per 20 Litre
MIROCAT PC 3241	15	60	300
MIROCAT PC 3242	15	60	300
MIROCAT PC 3244	15	60	300
MIROCAT PC 3210 (10, 30, 60%)	20	80	400
MIROCAT PC 3220 (10, 30, 60%)	18	70	350
MIROCAT PC 3220 Full Gloss	23	90	450
MIROBILD AC 3622	30	120	600
MIROBILD AC 3606 (10 & 30%)	33	130	650
MIROBILD AC 3606 (60%)	35	140	700
MIROBILD AC 3606 Full Gloss	45	180	900
MIROBILD AC 3646 Full Gloss	45	180	900
MIROTHANE PU 5500	12.5	50	250
MIROTHANE PU 5533	28	110	550
MIROTHANE PU 5545	38	150	750
MIROTHANE PU 5555	50	200	1000
MIROTHANE PU 5588	28	110	550

Note: For two pack products the amount of MIROSHIELD 3900 added must be based on the volume of the Part A base only (not the total mixed A & B volume).

Application Methods:

To maximise UV protection of the substrate it is essential that MIROSHIELD 3900 is added to all the layers in the coating system, including isolators, sealers and topcoats.

Addition to Single Pack Products: Add MIROSHIELD 3900 UV Absorber Additive into the single pack of the selected clear coating and mix thoroughly. Thin as required, mix thoroughly and then apply per directions on the appropriate product Data Sheet. Apply in even wet coats to achieve a uniform finish.

Addition to Two Pack Products: Mix Part A and Part B per relevant Data Sheet and mix thoroughly. Then add MIROSHIELD 3900 UV Absorber Additive per the table above. Thin as required, mix thoroughly and then apply as per directions on the appropriate product Data Sheet. Apply in even wet coats to achieve a uniform finish.

Note: The addition of MIROSHIELD 3900 UV Absorber will reduce the viscosity and this will need to be considered before thinning further.

Shelf Life: 24 months

Packaging: 1 litre

Health & Safety

Before handling, refer to the Material Safety Data Sheet for health and safety information. Ensure that all personnel using this product have read and understood this data sheet and the associated MSDS and packaging label before using this product.

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