

Easy~Clean SX Polyurethane Additive

FEATURES		RECOMMENDED USES	
<p>Easy cleaning and anti-mar additive for E~Line[®], Elite[®] and some, select, Carbothane[®] products.</p> <ul style="list-style-type: none"> Designed for two component polyurethane coatings Modified inorganic cross-linking formula makes Easy~Clean SX create a tougher polyurethane polymer Does not contain Teflon[®] or similar fluoro-carbon compounds or any known carcinogen Improves water and oil repellence properties Improves anti-block properties of curing and cured coatings Low dirt pick-up and oleo/hydro-phobicity improves weathering characteristics & chemical resistance Co-reactive properties of Easy~Clean SX ensure permanence of effectiveness Convenient packaging - one 500 ml container of Easy~Clean SX treats one 5 litre pack of E~Line[®] and some select Carbothane[®] products Under certain circumstances Easy~Clean SX Additive can improve surface wet-out and adhesion and levelling characteristics of the treated coating <p>Limitation of Use:</p> <p>Due to the slip and anti-mar properties imparted to the treated polyurethane coating it is <i>essential</i> to thoroughly sand an Easy~Clean SX treated coating before re-painting or top-coating.</p> <p>If being used in a colour coat/Clear coat anti-graffiti system, it is recommended to only use Easy~Clean SX Additive in the final Clear Coat.</p>		<p>Easy~Clean SX Additive is a proprietary modified inorganic additive for two component polyurethane coatings for improving cleaning & washing characteristics. It also improves aqueous chemical resistance, and anti-mar properties for products such as E~Line[®] 379 and 949, selected Carbothane[®] products, and Elite[®] Pro~Spray Polyurethane.</p> <p>Typical uses for polyurethane coatings treated with Easy~Clean SX Additive include:-</p> <ul style="list-style-type: none"> Coating of at-risk process vessels such as externals of concrete mixer bowls Non-contaminating concrete shuttering release coating Improving mar resistance - reduces scratching on bench-tops and floors Reduced risk of moisture induced blushing of fresh coatings when applying under marginal conditions Improved resistance to attack from aqueous chemical solutions Improved masking tape release qualities Improved cleaning characteristics of coated items at risk of powder fall-out, oil or water contamination, exhaust fumes, recent graffiti attacks etc Ideal easy cleaning coating for livestock sheds, milking sheds etc Hydrophobic qualities improve washing characteristics and water drain-away 	
SPECIFICATION DATA			
<p>Coating Type: Cross-linking polyurethane additive</p> <p>Colour: Clear</p> <p>Packaging: NZ. 500 ml F-Can</p> <p>Mix Ratio: 500 ml Easy~Clean SX per 5 litre pack of E~Line[®] 379</p> <p>Gloss: As for selected finish</p> <p>Flash Point: 5°C</p> <p>Thinner: N/A - clean up with Altex Thinner #25</p> <p>Pot Life: Refer to relevant polyurethane data</p> <p>Induction Time: Pre-mix with polyurethane base before adding the converter; induction time as for the treated polyurethane</p> <p>Storage: Store under cool, dry conditions</p>	<p>Density: 0.86 kg per litre</p> <p>VOC: 786 gms per litre</p> <p>Temperature Resistance: As for treated coating</p> <p>Volume Solids as supplied: 8.5%</p> <p>Theoretical Coverage Rate: As for treated coating</p> <p>Recommended Film Thickness Per Coat: As for treated coating</p> <p>Application: As for treated coating</p> <p>Dry Times: As for treated coating</p> <p><i>(In all instances, refer to Product Data Sheet of the material being treated for Coverage Rates, Application and Dry Times.)</i></p>		

SURFACE PREPARATION

New or As-New Work

Refer to data provided with coating to be treated.

Self-Recoat

The low coefficient of friction and low-stick characteristics of coatings treated with Easy~Clean SX Additive make it essential to thoroughly sand before re-coating a treated coating with itself.

DIRECTIONS FOR USE

Easy~Clean SX Additive is presented as a low solids solution of reactive modified inorganic polymers that must be evenly and thoroughly mixed into two component polyurethane coatings such as E~Line® 379 and 949, Elite® Pro~Spray Polyurethane and Carbothane® 130 Clear.

In order to achieve intimate molecular contact of all three components of the mixed paint system it is recommended that the correct level of Easy~Clean SX Additive be added to the correct pre-measured quantity of polyurethane coating **base**, thoroughly stir to a homogeneous condition, and finally the pre-measured quantity of converter is added to the mix and stirred to a homogeneous condition. Induction times should be observed as described in the relevant coating's product data sheet.

The recommended addition rate for Easy~Clean SX Additive is as follows:-

E~Line® 379	1 x 500 ml per 5 litre kit
E~Line® 949	375 ml per 4.5 litre kit
Carbothane® 130 Clear	1 x 500 ml per 5 litre kit
Elite® Pro~Spray Linear Polyurethane	1 x 500 ml per 8 litre kit

Easy~Clean SX Additive may be used in most two component polyurethane finishes however for optimum enhancement of easy-cleaning, mar resistance, weathering and chemical resistance it is recommended to use Easy~Clean SX Additive in a clear polyurethane finish such as Carbothane® 130 Clear Coat applied over a colour coat of either Carbothane® 134 HG or E~Line® 949 - similar to a "base-coat / clear-coat" system.

For maximum system application flexibility using the base-coat and clear-coat concept described above and an economic and practical system, with user-friendly re-coat windows, an ideal system would be to apply the following coatings over the suitably primed substrate:-

Base Coat - Colour **Carbothane® 134 HG or E~Line® 949**

Clear Coat **Carbothane® 130 Clear with Easy-Clean SX Additive**

Note: The use of Easy~Clean SX Additive does NOT alter the mix ratio of the parent product.

PRECAUTIONS

For industrial use only: Read and follow all the caution statements on this Product Data Sheet, the product label and the Safety Data Sheet (SDS) for health and safety information prior to use.

Easy~Clean SX Additive is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

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