

# Easy~Clean SX

## Polyurethane Additive

### FEATURES

- Designed for two component polyurethane coatings
- With a modified inorganic cross-linking formula, Easy~Clean SX creates a tougher polyurethane polymer
- Does not contain Teflon® or similar fluorocarbon 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/hydrophobicity improves weathering characteristics & chemical resistance
- Co-reactive properties of Easy~Clean SX extends effective life
- Convenient packaging - one 500 ml container of Easy~Clean SX treats one 5 litre kit 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

#### Limitation of Use:

Due to the slip and anti-mar properties imparted to the treated polyurethane coating it is *essential* to thoroughly sand an Easy~Clean SX treated coating before re-painting or top-coating.

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.

### RECOMMENDED USES

**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
- E~Line 949
- Selected Carbothane products
- AY&B Elite Defender
- AY&B Elite 239
- Multi-Gard GP 48<sup>AU</sup>

**Typical uses for polyurethane coatings treated with Easy~Clean SX Additive include:**

- 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 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

<b>Coating Type:</b>	Cross-linking polyurethane additive
<b>Colour:</b>	Clear
<b>Packaging:</b>	500 ml
<b>Gloss:</b>	As for parent product
<b>Flash Point:</b>	5°C
<b>Thinner:</b>	N/A – Clean up with Altex Thinning Solvent #25
<b>Pot Life:</b>	As for parent product
<b>Induction Time:</b>	As for parent product
<b>Storage:</b>	Store under cool, dry conditions
<b>Shelf Life:</b>	60 months at 24°C

When kept at recommended storage conditions and in original unopened containers. For products/components exceeding the stated shelf life, contact Technical Services for further advice.

<b>Density:</b>	0.86 kg per litre
<b>VOC:</b>	786 grams per litre
<b>Temperature Resistance:</b>	As for parent product
<b>Volume Solids as supplied:</b>	8.5%
<b>Theoretical Coverage Rate:</b>	Refer to parent product data sheet
<b>Recommended Film Thickness Per Coat:</b>	Refer to parent product data sheet
<b>Application:</b>	Refer to parent product data sheet
<b>Dry Times:</b>	Refer to parent product data sheet

*(In all instances, refer to Product Data Sheet of the material being treated for Coverage Rates, Application and Dry Times.)*

## 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 volume solid 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 Defender and Carbothane 130 Clear.

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	500 ml per 5 litre kit
E~Line 949	375 ml per 4.5 litre kit
Carbothane 130 Clear	500 ml per 5 litre kit
Elite Defender	500 ml per 8 litre kit
Elite 239	500 ml per 5 litre kit
Multi-Gard GP 48 <sup>AU</sup>	500 ml per 5 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 "basecoat / clear-coat" system.

For maximum system application flexibility using the basecoat 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:

<b>Base Coat - Colour</b>	<b>Carbothane 134 HG, E~Line 949 or Multi-Gard GP 48<sup>AU</sup></b>
<b>Clear Coat</b>	<b>Carbothane 130 Clear with Easy~Clean SX Additive</b>

**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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