

Technical Data Sheet

30 March 2016

Thermoplastic Acrylic in Xylene

KUCRYL TPA 77X/60

Kucryl TPA 77X/60 is a thermoplastic styrene acrylate which has been specifically designed for use in exterior architectural coatings subject to high temperatures and humidity especially where dust/sand pick up on the coating may be problematic.

Kucryl TPA 77X/60 is aromatic solvent tolerant and provides coatings with excellent heat, moisture, alkali and fungal resistance.

Physical Characteristics			Solubility Characteristics *	
Parameter	Units	Limits	Solvent	Solubility
Non-Volatile Content	%	60 ± 2	White Spirits	Limited
Viscosity (25°C)	Gardner	Z ₇ – Z ₈	Aromatics	Soluble
Viscosity (25°C) *	Poise	300 – 400	Ketones	Soluble
Acid Value (on solids)	mg KOH/g	4 – 8	Esters	Soluble
Colour	Gardner	< 1	Alkanes	Limited
Clarity	Nil	Clear	Alcohols	Limited
Specific Gravity (25°C) *	Nil	± 1.0	Properties marked with an * are provided for information purposes only and do not form part of the product specification.	
White Spirits Tolerance (25°C) *	ml/g	< 1		
Glass Transition Temp. (Calc.) *	°C	77		

Kucryl TPA 77X/60 has limited compatibility with other film formers.

Areas of Use

Kucryl TPA 77X/60 is recommended as a component in the formulation of the following products:

- **Plaster Primers**
- **Interior masonry coatings for walls and ceilings subject to continuous humidity (such as bathrooms and kitchens).**
- **Clear and pigmented topcoats for exterior masonry coatings and textured emulsion finishes.**
- **Stone and brick sealers.**

Application Methods

Kucryl TPA 77X/60 is of use in the formulation of coatings applied by brush, spray or roller.

Packaging

Kucryl TPA 77X/60 is available in 190Kg net mild steel tight head drums. For alternative packaging requirements please contact our Sales Department

Storage Stability and Safety

Kucryl TPA 77X/60 is stable for a period of 12 months when stored in its' original container out of direct sunlight at temperatures not exceeding 25°C. This product contains mixed Xylenes. Special care in handling is required. Please refer to the MSDS and any local statutory requirements

No warranty or guarantee, express or implied, is made regarding the performance or suitability in any product as the finished product formulation and/or manner of use are beyond our control.

KCMC are committed to improving all aspects of our product range through continued research and development. As such product composition and/or specifications may change without notice.