

VITREFLON 795 XSR

Extra Scratch Resistant Paint

**Durability and scratch resistance
reach new heights!**



VITREFLON 795 XSR



When it comes to sheer coating toughness Vitreflon 795 XSR outperforms. Combining the renowned UV resistance of fluoropolymer paint, the toughness of polyaspartic technology and scratch resistance provided by ceramic fillers, no other paint comes close. This coating is used for any application where enhanced scratch resistance is a benefit including composite power poles, bridges, marine structures, and walls in high traffic areas.

Key Features



- Smooth semi-gloss finish
- Exceptional surface hardness
- Excellent graffiti resistance
- Unlimited colour range
- Reduced shipping damage





UV Stability

A very important consideration for asset owners is the appearance of the asset, which relates directly to the colour stability and gloss retention of the paint used to protect the structure.

Vitreflon 795 has been tested under very harsh accelerated weathering conditions to the following specifications.

Samples were subjected to QUV Accelerated Weathering in accordance with ISO 11507:2007 (UV-B 313 lamps at 0.63W/m²/nm). The QUV runs in a 12-hour cycle consisting of 8 hrs. UV at 60°C followed by 4 hrs. condensation at 50°C. The QUV ultraviolet exposure zones have been highlighted to provide comparisons between the UV-shielded and non-shielded coating after the given hours.



Results				
topcoat	QUV exposure (hours)	gloss (uv shielded zone)	gloss (uv exposure zone)	gloss reduction
V795 XSR semi-gloss (Homebush Blue)	3231	32	31	-1.0%

After 3231 hours of QUV exposure, V795 was found to have almost no gloss reduction and only slightly visible discolouration. Accelerated weathering under these test conditions is equivalent to over 15 years real life exposure.



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