



SUMMARY OF TESTS GUARDIAN SOLVENT BASED COATING

TESTS	RESULTS	
WEATHERING RESISTANCE (ACCELERATED WEATHERING QUV CABINET)	Superior resistance to chalking and gloss change @2000hrs	
WEATHERING RESISTANCE (EXTERNAL WEATHERING)	Superior resistance to chalking and gloss change @2 yrs	
ANTI CARBONATION WATER VAPOUR TRANSMISSION	S_D <1m (Exceeds requirement)	
ANTI CARBONATION CARBON DIOXIDE DIFFUSION	R value up to 481m (Exceeds requirement)	
HARDNESS (PENCIL)	>6H	
ADHESION (CROSS CUT)	Concrete	Pass 100% adhesion
	Mild Steel	Pass 100% adhesion
	Plastisol	Pass 100% adhesion
	PVDF	Pass 100% adhesion
CHEMICAL RESISTANCE	Alkali solution (40%NaOH)	Pass no effect @ 48hrs
	Acid solution (40% H₂SO₄)	Pass no effect @ 48hrs
	Acetic Acid	Pass no effect @ 8hrs
	Distilled Water	Pass no effect @ 8hrs
	Detergent solution	Pass no effect @ 8hrs
	Xylol Resistance	Pass no effect
ANTI GRAFFITI CERTIFICATION	Approved Gütegemeinschaft Anti-Graffiti e.V. Certified to RAL-GZ 841	