

An incredible instant grab adhesive based on MS polymer technology. It has initial bond strength double that of most other grab adhesives, therefore eliminating the need for secondary support on the majority of applications. Can be used internally or externally, even on damp or wet surfaces. CRL EG310Ultra Complete Adhesive is solvent free, cures quickly and is water and weather proof.

## USES

Suitable for bonding most building substrates but in particular for fixing of large panels and wallboards. Ideal for bonding brick slips, claddings and sanitary fixtures. Can also be used to fix dado rails, windowsills, decorative mouldings and thresholds to virtually any surface. Will fix and adhere to glass, wood, enamel, painted surfaces, plaster board, coated metals, Perspex, concrete, plastics, polycarbonates, PVCu, zinc, stainless steel, copper, lead, anodised aluminium, epoxy and polyester panels. An excellent alternative fixing adhesive that replaces nails screws and other mechanical fixings.

**COLOURS:** White

**PACKAGING:** 290ml cartridge packed 1 x 12

## PREPARATION

Surfaces must be clean and dust free.

## APPLICATION

Cut the cartridge seal and screw on the pre cut 'V' notched nozzle which must be used to ensure the correct depth of adhesive is extruded. The product by its nature is stiff to gun, so always use a good quality applicator gun such as CRL Strap Frame Caulking Gun\*. Apply the adhesive on one surface only in vertical strips 30cm apart. Immediately place item into position with good, even pressure to give an excellent initial grab. On extremely heavy items temporary support may be necessary during the curing process. Mechanical fixings should always be used in overhead applications.

\* Cat. No. GA1203

## HEALTH AND SAFETY

Safety data sheet available for professional user on request. Contains DIOCTYL TIN BIS-(ACETYLACETONATE),

N-(3-(DIMETHOXYMETHYLSILYL)PROPYL)ETHYLENEDIAMINE, N-(3-(TRIMETHOXYMETHYLSILYL)PROPYL)ETHYLENEDIAMINE. May produce an allergic reaction.

## LIMITATIONS

Among others, not recommended for applications on PE, PP, Teflon and bituminous surfaces. Not recommended for continuous underwater applications or expansion joints. Yellowing may occur in the dark. Not paintable with alkyd resin paints. Porous surfaces may require a primer. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability. Store between +5°C and +25°C in cool, dry conditions.

## LIABILITY

The information given is the result of our tests and experience and is believed to be accurate and reliable. However, as C.R. Laurence cannot know all the uses its products may be put to, and as application methods are out of our control it is the users responsibility to determine suitability of use.

TECHNICAL DATA		DIMENSION	CRL EG310 ULTRA ADHESIVE
Basis			MS Polymer
Application Temperature		°C	+5/ +40
Application rate	3mm/ 6,3 bar	g/min	10
Flow	ISO 7390	mm	<2
Density		g/ml	1,57
Skin over time	23°C/ 55% RF	min	10 – 15
Curing after 24 hours	23°C/ 55% RF	mm	2 – 3
UV, weather and water resistant			yes
Frost resistant till -15°C during transport			yes
Shelf life between +5°C and +25°C		month	24
Joint movement capability		%	+25
Temperature resistance after curing		°C	-40/ +100
<b>Mechanical properties</b>			
<b>2mm film</b>			
Shore-A hardness (3s)	DIN 53505		60
100% Modulus	DIN 53504	MPa (N/mm <sup>2</sup> )	1,4
Tensile strength	DIN 53504	MPa (N/mm <sup>2</sup> )	2,2
Elongation at break	DIN 53504	%	350