ADHESIVE ENGINEERING

ADHESIVE ENGINEERING N.S.W. IS A DIVISION OF CARVERU PTY LIMITED A.C.N. 001 693 509
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ARMAGROUT "LV"

LOW VISCOSITY EPOXY RESIN.

Uses: Suitable for paint coat of pourus mediums and crack injection of concrete elements.

DESCRIPTION:

ARMAGROUT "LV" is a solvent diluted low viscosity 2 part epoxy resin.

COLOUR: Is pale amber.

PROPERTIES: PART "A" Clear liquid, use 3 parts by volume or weight
PART "B" Pale amber liquid use 1 part by volume or weight with above.

VISCOSITY: Mixed 0.04 Pa.s.

COMPRESSIVE STRENGTHS: 80Mpa unfilled.

TENSILE STRENGTH: 40 Mpa unfilled.

WEIGHT MIXED: 1.1kg / litre.

PACKAGING: Two part Kits of 500c.c , 1 lt., 4 lt. & 20 litre.

COEFFICIENT OF THERMAL EXP: 4 X 10 -5 cm/cm/C. degrees

WATER ABSORPTION: 0.04% (continuous immersion.)

BOND STRENGTH: 20Mpa to steel (in a bond test on concrete, the concrete fails).

HYDROPHILIC PROPERTIES: Strength of cure unaffected by presence of moisture, bond to concrete is reduced if the capillaries are full of water, best results in dry conditions.

IMPACT RESISTANCE: 1.85 Nm (Gardiner) as a cured mortar.

HYGIENIC QUALITY: Inert, monolithic, non-porous,

FUNGUS RESISTANCE: Does not support growth .

TOXICITY CURED: Nil.

RESISTANCE TO THERMAL SHOCK: No delamination or cracking after cyclic test of temperature change from 0 degrees C. to 100 degrees C., 50 cycles.

COMBUSTIBILITY: Ignites at over 600 degrees C.

WEATHERING: Slight darkening and erosion of the surface over 10 years or more due to U.V. attack. This long term surface damage is avoided by over coating with ADHESIVE ENGINEERING'S SOL-SEAL drive-on, walk-on waterproof roofing membrane.

ADHESIVE ENGINEERING "CHEMCOAT "CEM" or other suitable paints or coatings.

DIELECTRIC CONSTANT: 3.8

SETTING TIME: A volume of 250cc, 15 min. at 25 degrees C.

CURE TIME: A volume of 250cc at 25 degrees C. , 80 % of ultimate Strength qualities will develop in 24 hours from casting. Full cure 7 days at 25 degrees C.
Thin applications like crack injection will take longer for setting and full curing.
Allow extra time for setting and curing.
Call our office for further details.

CLEAN UP TOOL & EQUIPMENT:

Use **ADHESIVE ENGINEERING** Tool Cleaning Solvent (**T.C.S.**)

SAFETY FIRST Ref: Our safe handling Bulletin.
We supply a M.S.D.S. with each order & delivery.

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ARMAGROUT LV is manufactured by ADHESIVE ENGINEERING NSW
Unit 3 / 2 Leighton Place ; Hornsby N.S.W. 2077
For technical service ring our office 7am to 5 pm Mon to Fri.

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