



ADHESIVE ENGINEERING

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

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ARMA-FLEX "V"

DESCRIPTION: ARMAFLEX "V" is a unique, resilient, high-wear, heavy duty, waterproof, polymeric engineering material designed to restore cracked and broken concrete in slabs, pavements, bridges, road-ways, swimming pools etc. to their original integrity.

Cured, it exhibits a capacity to withstand high wear as well as to accommodate any anticipated movement in a correctly executed tile joint.

COMPOSITION: ARMA-FLEX "V" is an Epoxy - Urethane, Co-polymer Resin (2 part system) containing high wear resistant and high compressive strength inert fillers.

VISCOSITY: Heavy Paste, Trowelling Grade.

PACKAGING: 1/2 litre kit ("A" & "B" parts included)

MEASURING: ARMA-FLEX "V" is premeasured. Do not split kits.

MIXING: Add all "B" to "A" container, mix thoroughly for 2 min. using a steel hand stirrer, scrape the sides to incorporate all parts.

NOTE: In winter pre-heat the contents of "A" pail to 25/35 degrees C. With LID TIGHT immerse bottom half of pail in Hot Water or use a suitable Hot Box.

NOT DIRECT FLAME.

WORK TIME: 20 min @ 25' C.

PRIMING: ARMA-FLEX PRIMER is used where the substrate is porous and needs strengthening, or when moisture is in the substrate, apply primer to surfaces, 1mm thick, cover with fine quartz sand and allow to set, then brush off loose sand

NO primer is needed if substrate is sound, dry, clean and free of dust.

ARMA-FLEX "V" will bond to clean dry surfaces of Concrete, Steel, Aluminium, Cast Iron, Copper, P.V.C., Fibre Cement, Asphaltic Concrete, Timber, Glass, Masonry, Epoxy Resin and Polyester Based Systems.

FORMWORK: Use Mould Release Wax (MRW) on Formwork surfaces.

APPLICATION After mixing and priming (if needed) trowel ARMA-FLEX "V" to the levels required. Spread with a suitable scraper.

SETTING TIME: ARMA-FLEX "V" sets in approximately 60 min. @ 25' C.

CURE TIME: At 25' C. ARMA-FLEX "V" has approximately 60% of its strength in 24 hours.
Full cure in 7 days.

COMPRESSIVE STRENGTH: 27 Mpa fully cured.

FLEXURAL STRENGTH: 6 Mpa fully cured

TENSILE STRENGTH: 14.5 Mpa fully cured

REBOUND RESILIENCE: 34% fully cured

BOND STRENGTH: Exceeds strength of concrete.
With or without Primer.

CHEMICAL RESISTANCE: Very good for Alkaline environments. Good acid resistance.

U.V. STABILITY: Excellent

DURABILITY: Consider ARMA-FLEX "V" as a High Wear resistant material.

COLOUR: Light grey & white

CLEAN UP: Use ADHESIVE ENGINEERING TOOL CLEANING SOLVENT.
(T.C.S.)

SURFACE PREPARATION: Refer to APPLICATION BULLETIN. No. AFHAB 2

SAFETY FIRST: Refer to SAFE HANDLING BULLETIN. No. SHB 2 & M.S.D.S.

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ARMA-FLEX "V" was first 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.