

# VERL@C SCREED

## EPOXY PASTE ADHESIVE

### APPLICATION

**Surface Preparation :** (A) Concrete substrates shall be sound, clean and free from dust, dirt, grease, oils, laitance and other contaminations a roughened or profiles surface will ensure :

optimum adhesion. (B) Mild steel and other metallic substrates shall be degreased, power wire brushed or grit blasted and free from dust. If the prepared metal surface will not be treated immediately then an anti-corrosive holding primer such as **SAFECORE RR** must be applied to prevent flash rusting. (Refer to the **SAFECORE RR** product data sheet for additional information). Other substrates shall be sound, clean and free from dust, dirt, grease, oil and any oxidized surface layer.

**Mixing :** The base and hardener (curing agent) shall be thoroughly mixed together using a stiff spatula or a slow speed drill with paddle attachment, until a uniform grey mixture has been produced.

### BENEFITS

- Colour coded components to ensure correct mixing.
- Excellent adhesion to most building materials.
- Bonds to damp substrates.
- Low odor.
- Thixotropic nature facilitate application in both vertical and overhead locations.
- Very good chemical properties and compressive strength.
- Resistant to water, weathering and a wide range of chemicals.
- No primer required.
- Creep resistant.

### USES

**VERL@C SCREEDVF** is a versatile, epoxy paste adhesive being particularly suitable for all general purpose bonding operations. **VERL@C SCREED VF** may also be used for thin section concrete repairs and iron and aluminum small scratch and welding joints puttying prior to powder coating application.

### DESCRIPTION

**VERL@C SCREED VF** is a thixotropic, solvent free epoxy adhesive ideal for bonding a wide range of building achieved using spatula, trowel, serrated trowel or stiff- bristled brush depending on the area to be treated materials to one another i.e. Concrete, brick, metal stone and wood. **VERL@C SCREED VF** has a high level of mechanical integrity and exhibits excellent bonding characteristics even in damp conditions. **VERL@C SCREED VF** is easy to mix and apply. No primer is required.

**shake and stir well hardener before use**

### LIMITATIONS

**VERL@C SCREED VF** should not be applied at temperature below 3°C.

### PACKING & COVERAGE

**VERL@C SCREED VF** is supplied in 1 kg., 2kg. & 5 kg. pack.

## TYPICAL PROPERTIES

<b>Colour</b>	: Grey
<b>Pot Life</b>	: 45 minutes at 30°C
<b>Compressive Strength</b>	: 40N/mm <sup>2</sup> (1 day at 30°C)
<b>, (BS 6319 Part 2)</b>	70 N/mm <sup>2</sup> (7 days at 30°C)
<b>Tensile Strength</b>	: 18 N/mm <sup>2</sup>
<b>Coverage</b>	: 1kg at 1mm thickness will cover 0.67m <sup>2</sup>

## SHELF LIFE & STORAGE

**VERL@C SCREED VF** will have a shelf life of **12 months** in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.

## SPECIFICATION

**VERL@C SCREED VF** is a thixotropic, solvent free epoxy paste adhesive supplied in 1kg, 2kg & 5kg pack with a coverage of As mentioned above in typical properties (**ASTM D-412:1980**) / 1 kg at 1mm thickness 0.67m<sup>2</sup>, used strictly in accordance with the instruction of HAMCO .

<b>Application Temperature</b>	: 30°C
<b>Drying / Curing times</b>	: Touch dry after 4-6 hours at 30°C, Hard dry after 10-12 hours at 30°C, Full chemical resistance 7 days.

## TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our technical personnel & experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

## QUALITY ASSURANCE

HAMCO SARL manufactures entire range of construction chemicals Protective coatings ,wood coatings ,decorative paints ,water proofing systems and concrete repair .

The information given in this data sheet is based on both the current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept the responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc. In view of the continuing research and development being undertaken in our laboratories we advise customers in their-own interest to ensure that this data sheet has not been supersede by more up-to-date publication. All products are sold subjected to our standard conditions of sale which are available an request. Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact our local HAMCO SARL –VERLAC-representative.

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