

USAGE

VIBROX XL is a fluid mortar for constructively filling machine bases and large volumes. The casting mortar is suitable for layer thicknesses of 3cm to 50cm in a single application.

CHEMICAL RESISTANCE

VIBROX XL has an excellent chemical resistance to alkalis, petroleum derivatives, acid, diluted organic acids, salts and solutions. For more information please contact RESIPLAST NV.

PROPERTIES

- Large layer thicknesses in a single application
- High mechanical resistance
- Can be applied inside and outside
- High impact resistance
- Moisture-insensitive hardening
- Impermeable
- High chemical resistance

PROCESSING

• Preparing the application surface

Make sure the surface is clean. The recommended processing temperature for the surface, the surroundings and the material is 15 to 25°C. Do not use below 10°C.

• Casting formwork

The minimum pouring height is 3 cm, for larger flow distances 4cm. The formwork should be sturdy and well balanced. The pouring opening must be at least 5cm wide. Make sure there is a vent hole of 1cm on the opposite side. For a non-flat surface, pour from the largest layer thickness to the smallest. The formwork must be 5cm higher than the pouring height.

• Mixing

Stir the base (component A) evenly before use. Add the full amount of hardener (component B) and mix mechanically (300rev/min) until both components are homogeneous. Slowly add the filler component to the mix. Mix until homogeneous.

• Application

Pour the mortar through the pouring opening in one go without stopping. Make sure that the vent hole is open. Stop filling when the mortar is 1cm from the top level. Check the level after 15 minutes. Add more if necessary. Use mixed mortar as quickly as possible.

• Finishing

VIBROX XL can be painted. The cured mortar must be sanded to the filler before you apply paint or a coating.

• Use

Mechanical resistance after 12 hours for a layer thickness of 10cm. Complete chemical resistance after 7 days at 20°C.


PACKAGING

VIBROX XL	Comp A	Comp B	Comp C
Set 23kg	2,26kg	1,01kg	19,73kg
Set 69kg	6,78kg	3,03kg	19,73kg x3

TECHNICAL SPECIFICATIONS

Specific mass	2.0kg/dm ³
Colour	Sand colour
Surface	Non-slip surface
Pressure resistance	76MPa
Flexural strength	>25N/mm ²
Tensile strength	>6N/mm ²
Adhesion to concrete	2.6N/mm ²
E-modulus	1300N/mm ²
Heat resistance	60°C
Optimal layer thickness	From 30mm. 40mm – more than 500mm
Min. application temperature Min. hardening temperature	+10°C +10°C
Pot life	approx. 25 minutes at 20°C
Hardening time at 20°C	Can be mechanically loaded 24 hours Can be chemically loaded 7 days
Curing	Non-shrinking
Shelf life	24 months

CE CERTIFICATE

	
0749-CPD	
Resiplast NV, Gulkenrodestraat 3, B-2160 Wommelgem	
13 BC2-563-4714-0002-001	
EN 1504-3 Concrete repair product for structural repairs based on polymers.	
Compressive strength	Class R4
Chloride ion content	<0.05%
Adhesion strength	≥2MPa
Carbonation resistance	Satisfactory
E-modulus	>1300N/mm ²
Thermal compatibility part1	Class R4
Capillary absorption	<0.5kg .m ² .h ^{-0.5}
Fire resistance	N _{PD}
Dangerous substances	Complies with 5.4

USAGE

2kg VIBROX XL per litre of mortar.

APPEARANCE

A-component	Modified epoxy resins
B-component	Polyamine hardener
C-component	Dry filler
Colour	Sand colour

YOU WILL NEED TO SUPPLY

- Mixing bucket
- Cleaning solvent for tools: MEK SOLVENT

STORAGE

Store VIBROX XL in a dry, well ventilated storage area between 5 and 35°C.
24 months shelf life, C component unlimited shelf life.

If in doubt, contact RESIPLAST NV and provide the batch number on the package. Do not let the product get in contact with ground water, surface water or sewage systems. Dispose of contaminated packaging and remnants according to legal regulations.

SAFETY

Carefully read the safety instructions before using VIBROX XL. Products have a characteristic odour when being applied. Ensure there is sufficient ventilation, stay away from ignition sources and do not smoke. Avoid contact with skin. Eye irritation and/or sensitivity may occur during heavy vapour concentrations, inhalation and/or skin contact. Do not keep food products (food, beverages) in the same workspace. Always wear personal protective equipment according to local guidelines and regulations. Gloves and safety goggles are mandatory.

The above information is provided in good faith, but without any guarantees. The application, use and processing of the products are beyond our control and are, as such, the sole responsibility of the user/processor. In the event that Resiplast N.V. is still held liable for damages, then the claim will still be limited to the value of the goods delivered. We always aim to deliver consistently high quality goods. This version replaces all previous versions. Version 1.5 Date: 5 November 2020 4:04 pm