



VANDEX RAPID

WATERPROOFING & PROTECTION

True problem solvers



THE VANDEX RAPID SYSTEM

a true problem solver

The five products in the VANDEX RAPID SYSTEM range are true problem solvers. Their waterproofing properties develop even when in contact with running water. Only hours after application the products are capable of withstanding maximum load, resulting in minimal interruption of the wastewater flow. Furthermore the products are resistant to domestic sewage.

Rapid products are 1-component, cementitious, ready-mixed slurries or mortars for waterproofing against moisture and aqueous media and for repair work.

Chemically resistant waterproof coating - in a few hours

Due to its composition of cement, quartz with graded grain-size distribution and special chemical ingredients of an inorganic nature, the VANDEX RAPID SYSTEM product range cures completely within a few hours. The waterproof coating formed is highly resistant to abrasion and chemicals.

Use in wastewater structures - XA1-XA3

Due to their composition, the mortar products are suitable for exposure classes XA1-XA3 according to DIN EN 206-1:2014.

Advantages of the Rapid system



Dry in a few hours



Immediately resistant



Short downtime



Easy Application



Resistant to domestic sewage



Protection against water & moisture



Repair or maintenance - no compromise

In sewage systems there are many areas such as manholes, collectors and treatment plants which require repair or maintenance, but often can only be shut down for a short period of time. A repair and refurbishment system allowing this with a downtime as low as just 4 - 6 hours is often required.

The VANDEX RAPID SYSTEM offers this without compromising the quality of the repairs.

 Vandex Rapid XL

 Vandex Rapid M

 Vandex Cemrep 202

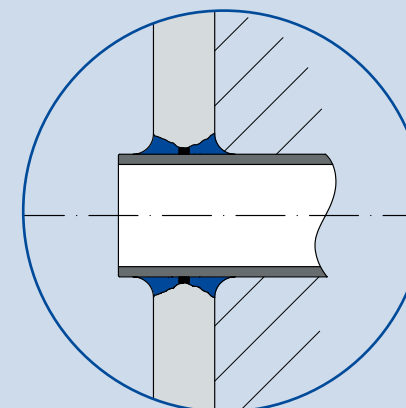
Typical repair damage

- ▶ Groundwater ingress
- ▶ Damaged joints
- ▶ Cracks
- ▶ Corroded Floor
- ▶ Leaking pipes

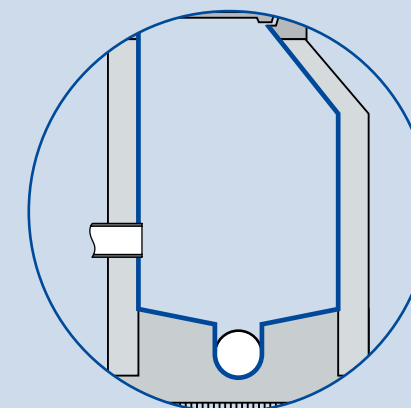
Areas of Application

- ▶ Manhole
- ▶ Sewers
- ▶ Collectors
- ▶ Treatment plants
- ▶ Pipe junction / connections
- ▶ Tunnels
- ▶ Below ground structures

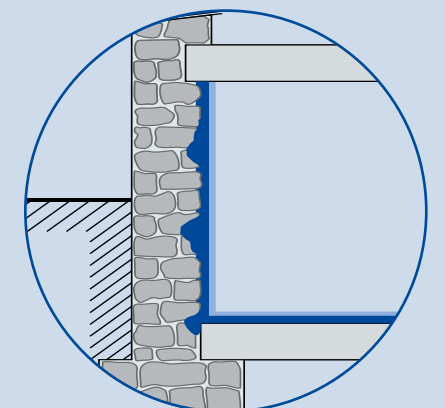
Pipe Inlet



Manhole



Basement



THE VANDEX RAPID SYSTEM

Developed for applications in open ducts & ventilated manholes

VANDEX PLUG

Cementitious waterproof plugging compound

- Stops flowing water
- Sets in seconds
- Durable
- Can be used indoors as well as outdoors for many applications

VANDEX RAPID M

Rapid waterproof repiar mortar

- After 1 hour - resistant to load
- Waterproof at 10 mm layer thickness
- For horizontal and vertical application
- Designed for use in sewers and manholes

VANDEX RAPID XL

Rapid reprofiling mortar

- After 2 hours - resistant to load
- 100 mm applicable in one working cycle
- Fibre reinforced
- Designed for use in sewers and manholes

VANDEX RAPID 2

Rapid waterproof plugging compound

- 2 minutes setting time
- Stops flowing water
- Installation of pipes in manholes
- Designed for use in sewers and manholes

VANDEX CEMREP 202

Fast setting mortar for concrete traffic area repairs

- >30 MPa compressive strength after 1 hour
- Trafficable after 1 hour
- For horizontal concrete surfaces
- Abrasion and thaw salt resistant

The information contained herein is based on our long-term experience and the best of our knowledge. We can, however, make no guarantee since for a successful outcome, all circumstances in an individual case must be taken into consideration. Indications of quantities required are only averages which in certain cases might be greater.



Technical details	Application	Consumption	Packaging
VANDEX RAPID M	Repair mortar against moisture and aqueous media	Per mm layer thickness and m ² approx. 2 kg	25 kg Bag
VANDEX RAPID XL	Accelerated, fiber-reinforced repair mortar for sewers and high layer thicknesses	Per mm layer thickness and m ² approx. 2 kg	25 kg Bag
VANDEX PLUG	Rapid setting compound to stop water and moisture ingress. Sets in seconds	Depending on the size of the water leak: approx. 0.3 kg/ water leak.	15 kg Bucket
VANDEX CEMREP 202	Repair mortar for the repair of concrete scraper runways, roads, garages, ramps, traffic area repairs	Per mm layer thickness and m ² approx. 2.2 kg	25 kg Bag
VANDEX RAPID 2	Waterproof rapid setting compound to stop water and moisture ingress. 2 minutes setting time	Installation of a 30 cm diameter pipe requires 2-3 kg	15 kg Bucket












ABOUT US

USL Speciality Products manufacture and supply specialist construction products to support, preserve and enhance critical Infrastructure assets, specifically in the Bridge, Rail, Utilities, Offshore, Power and General Construction market spaces.

Our products are supplied to fully trained specialist contractors who deliver complex infrastructure projects to strict quality, budget and time constraints.



OUR PRODUCT CATEGORIES

- | | |
|--|--|
|  Structural Waterproofing |  Surface Mounted Tactile Paving |
|  Mechanical Expansion Joints |  Resin Injection |
|  Structural Bearings |  Ironwork Reinstatement Products |
|  Bridge Deck Drainage |  Pipe Rehabilitation |
|  Concrete Repairs | |

WE ARE POWERED BY OUR BRANDS



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We are
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We are
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We are
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We are
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We are
Construction



We are
Power



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The Vandex logo, featuring the word 'Vandex' in a bold, sans-serif font. A horizontal line is positioned above the 'V' and 'a', and a registered trademark symbol (®) is at the top right of the 'x'.

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A **SPECIALITY** Brand
PRODUCTS

The USL logo consists of the letters 'USL' in a bold, sans-serif font, enclosed within a circle.