



# Feviseal HY 200

ADVANCED ONE COMPONENT POLYURETHANE SEALANT.

## Description

Feviseal HY 200 is one component moisture curing, low modulus hybrid polyurethane sealant.

Feviseal HY 200 is a new generation isocyanate-solvent free sealant that brings together all the mechanical properties of polyurethane and silicone sealant.

## Specification / standard compliance

ASTM C920 Type S, Grade NS, Class 25 NT

## Typical Applications

- Control Joints.
- Repairing of non-moving concrete cracks.
- Sealing Joints in between tiles, bricks, and marble etc.
- Window & door frames.
- Skirting.
- Parapets & Balcony.
- Curtain wall.
- For termination in waterproofing work.

## Features

- Ready to use single component product.
- Forms a permanent, tough, elastic rubber seal.
- Non-sag.
- No staining of cementitious substrates.
- Good primer less adhesion.
- Damp surface tolerant.
- Low dirt pick up.
- Excellent adhesion.
- Environmentally friendly.
- Odourless.
- Can be overpainted.
- Isocyanate free.
- Excellent low temperature gun ability.
- No bubble formation.

**Joint Design** For various reasons, different types of joints are provided with width depth ratios in different proportions. So width depth ratio is very important.

WIDTH: DEPTH RATIO

JOINT WIDTH (MM)

WIDTH /DEPTH RATIO

For 6 to 12 mm joint width

Depth shall be 1:1 (equal)

For 12 to 25 mm joint width

Depth shall be 2:1 (half)

## Method of Application

### 1 JOINT PREPARATION

- All joints to be sealed must be clean, sound, dry and free of all contaminations such as release agents, curing



compound, laitance, dust, dirt, cavities, etc.

- Xylene can be used to clean and degrease the substrate.
- Appropriate joint backing to be used to provide the correct joint depth and support the applied sealant.
- Use masking tape on each side of the joint to maintain a clean finish.
- Make sure substrate is dry before application.

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## 2 PRIMING

- Generally, no primer is required for most building substrate.
- Contact Dr. Fixit Technical Department for more information about the application on specific substrate. To achieve optimum adhesion, Dr. Fixit Pidiprime A, primer can be used.
- For joints continuously in contact with water it is recommended to use primer.

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## 3 APPLICATION

- The recommended application temperature range is between 5-40° C.
- For cold weather, store sealant material in a heated area at 20° C for 24 hours.
- Cut the top part of aluminium foil exposing the sealant.
- Place the same in sealant barrel gun and extrude firmly into the joint while ensuring complete contact between the applied sealant and joint walls.
- Tool the sealant surface to ensure complete contact and good surface finish.
- Remove the masking tape directly after tooling the sealant.

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## 4 REMARKS

- For optimum performance the ratio of width to depth of the sealant should be 2:1.
- Not recommended for unsound substrates.
- It is recommended to test the specific paint compatibility.
- Dr. Fixit will not accept responsibility or liability for variations to the above method statement under any other specific condition.

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## 5 CLEANING

- After sealing the joint the tools and equipment should be cleaned immediately with kerosene or any other cleaning solvents.

### Precaution & Limitation

- Keep out of reach of children.
- Avoid contact with skin.
- Don't use in joints of natural stones.

### Should not be used for:

- Areas subject to continuous chlorinated water immersion, such as swimming pools, spa etc.
- Constant immersed in salt water.
- PE, PP, Teflon, Neoprene & bituminous surfaces.
- Glazing applications
- The cured sealant can be painted over with water based paint, however owing different nature of these coatings, the compatibility should be tested before application. For alkyd paints a suitable water-based undercoat must be used.



## Technical Information

Test Parameters	Test Method	Typical Values
Color		Grey
Skin over time		30 ± 10 minutes
Specific Gravity		1.25±0.05
VOC, ( g/l )	USEPA-24	<5
Sag	ASTM C 639-01	Non sag
Hardness : Shore A	ASTM D 2240-97	30±5
Movement Capability, %	ASTM C 719	±25
Peel Strength ( N ) concrete	ASTM C 794-93	>30
Tensile Strength ( Mpa )	ASTM D 412-98a	> 0.8
Elongation at break	ASTM D 412-98a	> 200%
Effect of accelerated aging @ 300 hrs. UV exposure	ASTM C 793	No deterioration
Application Temperature ( °C )		+5 to +40

## Theoretical Coverage

One 600 ml; sausage

Will cover 5 mm width x 5 mm depth joint = 24 linear metre

10 mm width x 10 mm depth joint = 6 linear metre.

## Packaging

Available in 600 ml Sausage

## Shelf Life

Shelf life is 12 months from the date of manufacturing. The material should be stored in cool and dry place.

## Health and Safety

Some people are sensitive to solvents, resins and hardeners so it is advisable to use hand gloves and goggles.

## Other Products Categories available

Feviseal brings you the widest range of Sealants.



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