

STORM**FIX** **ROOF** REPAIRS



Technical Data Sheet

Version 1.0

STORM**FIX** is an advanced, durable, waterproof repair product, developed with 40 years of advanced liquid roofing technology; engineered to withstand extreme weather conditions.

1. Introduction

STORMFIX is an advanced, durable, waterproof repair product, developed with 40 years of advanced liquid roofing technology. Engineered to withstand extreme weather conditions, STORMFIX offers a cost-effective and hassle-free roof repair, ensuring a seamless, watertight seal that stops and prevents leaks.

Whether you're tackling emergency repairs or long-term maintenance, STORMFIX delivers professional-grade results with reliable performance.

2. Features & Benefits

- Immediate waterproof protection
- Only one coat required
- Fibre-reinforced for extra strength
- Catalyst-activated for quick-drying
 - 45-60 minutes touch dry
 - 1-day full system cure
- Incorporating Trusted Resin Technology – flexible yet tough
- Can accommodate standing water
- No primer required - Works on most common flat roof surfaces including roofing felt, asphalt, GRP, EPDM and many more
- All-in-One Kit – STORMFIX Resin, Catalyst Paste, Gloves, Brush and Mixing Stick all included

3. Typical Applications

STORMFIX is suitable for repairing minor damage, wear and tear, laps and more.

STORMFIX is ideal for proactive repairs, and retrospective roof modifications such as installing new pipe penetrations or handrail stanchions.

4. Colours

As standard, STORMFIX is available in Black.

The option to use Restec Felt Finish Slate Granules is available to provide a textured, aesthetic and slip-resistant finish.

Further information on this application can be found in Section 7.

5. Suitable Substrates

STORMFIX can be applied to a wide range of substrates including:

- Restec Waterproofing Systems
- Roofing Felt
- GRP / Liquid Applied Waterproofing Systems
- Asphalt
- Metal (incl. Lead)
- EPDM
- Concrete

Substrates must be structurally sound, well adhered and free from excessive movement.

See Section 6 for specific surface preparation requirements.

NB: STORMFIX is not a structural repair product. The installer should also ensure that the underlying build-up / construction is suitable for overlay with STORMFIX as per Section 6.

6. Surface Preparation

All surface preparation should be carried out in accordance with HSE guidelines. Particular care should be paid to identification and preparation of hazardous substrates.

The following surface preparation assumes that underlying structure is sound and free from defects.

Substrates must be well adhered and free from excessive movement. Thoroughly clean down all areas to be treated, removing any dirt and debris, surface lying water, mould growth, moss, etc. Remove any existing loose or poorly adhered materials. Treat any areas of fungal growth or moss with a fungicidal wash to ensure all spores are destroyed. All surfaces should be clean, dry and free from any contaminants.

General Metal / Lead:

Mechanically abrade metal surfaces to remove loose paint, rust etc. Use wet abrasion as appropriate to minimise hazardous dust (e.g. Lead). Rub down all sound residual coating surfaces to provide a mechanical key for repainting and remove debris. Thoroughly wipe metal surfaces with acetone prior to the application of the system.

EPDM:

Thoroughly abrade and clean all EPDM surfaces prior to the application of the system.

Concrete / Screeds:

Any spalled, loose, unsound concrete or brickwork should be broken out and repaired using a suitable Structural Repair Mortar.

All smooth concrete surfaces to be treated should be lightly abraded with suitable equipment (e.g. vacu-blast, diamond disc grind etc.) where necessary to remove laitance and/or remove other impervious matter, concrete curing membranes etc, until a clean, dry and open surface is attained.

All large non-structural cracks and voids should be cleaned out and made good using a suitable Structural Repair Mortar. The client should be consulted and advice sought as how to best deal with structural cracks or voids.

For all other substrates please speak to Restec Technical Services.

7. Application

STORMFIX is applied with a brush (provided) at a typical coverage rate of 0.5m²/kg depending on surface roughness.

NB: Please note that STORMFIX system should not be applied at lower coverage rates than the specified minimum, as this could lead to issues with the system.

Application Conditions:

The substrate/air temperature must be a minimum of 5°C before use. Do not apply if substrate/air temperature is above 45°C.

7.1 STORMFIX Application:

1. Prepare the surface as outlined in Section 6.
2. Put on the disposable gloves (provided).
3. Prior to adding the Catalyst Paste, stir the STORMFIX thoroughly in the original 1kg container using the mixing stick (provided), mixing from top to bottom.
4. Add the full contents of the tube of Catalyst Paste to the full tin of STORMFIX resin.

Now, using the mixing stick again, thoroughly stir the Catalyst Paste until it is fully dissolved into the STORMFIX for a minimum of 2 minutes.

The STORMFIX product is now ready to apply. The STORMFIX pot life is 15-30mins depending on conditions.

6. Apply using the brush provided, to the prepared surface at the required coverage rate.
7. Ensure an even, uniform application across all surfaces. Touch in any suspect areas where necessary.

7.2 Felt Finish Slate Granule Application (Optional)

NOTE: The Felt Finish Slate Granules should only be applied whilst the STORMFIX Resin is still wet.

1. Mask off areas where the desired finish is required to mimic a Felt Finish felt appearance.
 2. Apply STORMFIX as per the application instructions.
 3. Whilst wet, broadcast dry & clean Felt Finish slate grit at a minimum coverage rate of 2.5kg/m² (2kg of Felt Finish Slate per 1kg of STORMFIX).
- *IMPORTANT*** - remove masking tape before STORMFIX has fully cured.
4. Once STORMFIX has cured, sweep and remove loose grit.

8. Maintenance

The service life of the product will be dependent on the suitability, condition, roof usage and longevity of the underlying substrate.

If the system has reached the end of its serviceable lifespan, another application of STORMFIX can be applied over the cleaned and prepared previous coating.

9. Packaging & Storage

Shelf Life: Up to 12 Months

STORMFIX resin is supplied in pre-weighed 1kg pails. The Catalyst Paste is supplied separately in a 50g tube. It is recommended that STORMFIX should be kept totally dry and stored away from direct sunlight and areas of potential contamination. Dispose of used packaging in accordance with guidance in the SDS.

10. Health & Safety

Consult the Safety Data Sheet (SDS) prior to handling STORMFIX and ensure the recommended PPE is used.

For applications in internal or poorly ventilated conditions, pay special attention to the guidance within the separate document available from Restec.

Disclaimer: This Technical Data Sheet is for general information only. Installers must test all applications for suitability before use. Restec Ltd reserve the right to amend product specifications without prior notice. The information provided in this literature is given in good faith. Recommendations for use should be verified to ensure compliance with all current building regulations and standards.

Please check that this Technical Data Sheet is the latest version by contacting technical services on 0845 4504 193 or visiting www.restecroofing.co.uk