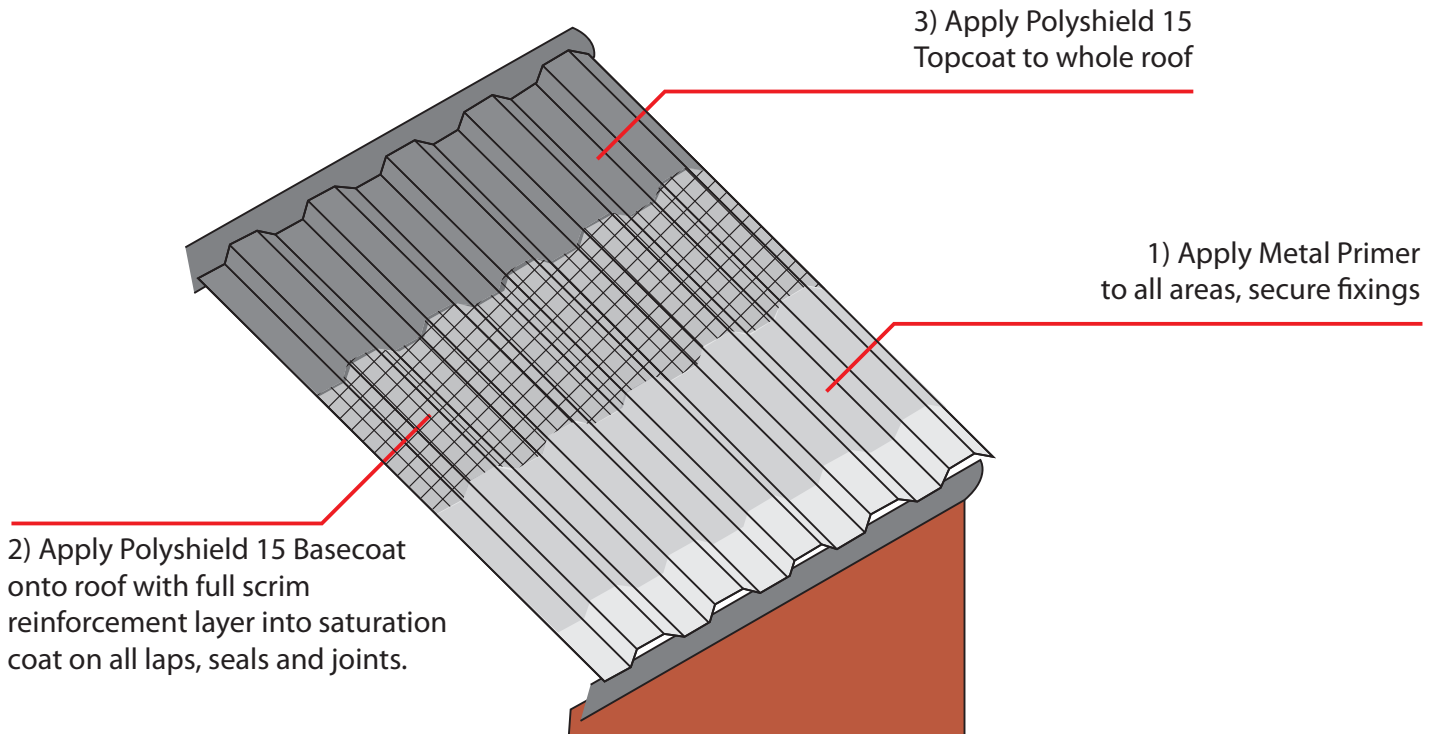


Polyshield 15 reinforced waterproofing system over Metal Roofs



Preparation

A full inspection of the substrate needs to be made before any work commences. All relevant Health and Safety procedures should be undertaken at this stage.

Substrate defects

Inspect substrate prior to application and make good any defective areas, special attention should be taken around rusting areas and all loose materials to be removed. All large holes are to be plated over and securely fixed.

All bubbles in the previous coating around the fixings should be cut and removed back to sound material.

Cappings

All cappings to be inspected/repaired.

Cleaning

All surfaces should be cleaned thoroughly prior to application to remove all traces of dirt and debris. Special attention should be given to areas where there is a chalky residue present. All rust areas are to be scrubbed clear of all loose materials.

Low pressure power washing should only be used after checking HSE directives regarding this process.

After cleaning all surfaces should be checked to ensure that all loose and friable material has been removed.

Priming

Prime all areas with Britannia Metal Primer.



General installation

- > Installation must not be carried out during inclement weather (eg rain, fog or snow). When the temperature is below 5°C, suitable precautions against surface condensation on the substrate must be taken.
- > Substrates to which the system is to be applied must be sound, dry, clean and free from sharp projections such as nail heads and concrete nibs. Britannia's advice should be sought for suitable cleaning procedures and the use of a proprietary surface cleaner/fungicidal wash.
- > Previously coated areas must be checked for integrity and adequate adhesion to the substrate. Defects such as cracks and blisters must be repaired prior to application of the system in accordance with Britannia's instructions.
- > Adhesion checks should be carried out to ensure that the system is compatible with the existing surfaces and to determine the necessity for a primer.
- > Expansion or construction joints must be additionally reinforced prior to the application of the main waterproofing layer in accordance with Britannia's instructions.

Application Guidelines

To a dry and cleaned surface:

- > Polyshield 15 Basecoat is applied by brush or roller to the clean prepared and primed substrate at a minimum of 1 litre per square metre.
- > Polyshield Reinforcing Scrim (100gm²) is embedded into the wet Polyshield 15 Basecoat avoiding creasing. Adjacent lengths of the reinforcement must overlap by a minimum of 75mm ensuring that there is sufficient coating to fully encapsulate the lap.
- > Polyshield 15 Topcoat is then applied by brush or roller over the dry, clean Polyshield 15 reinforced Basecoat at a minimum of 0.75 litres per square metre.
- > At each stage a check must be made for the presence of pinholes and missed areas, which can be rectified by applying additional coating as necessary.
- > The substrate and ambient temperature for the application of the system must be between 2°C and 35°C.
- > Do not apply in frozen or wet conditions.

Drying time

PRIMER

Britannia Polyshield Primer can take up to 1 day to cure but can be over coated when dry.

POLYSHIELD 15 BASECOAT

- > Surfaces must be COMPLETELY DRY prior to application of Polyshield 15 Basecoat.
- > Up to 8 hours or overnight depending on temperature and conditions.

POLYSHIELD 15 TOPCOAT

- > Surfaces must be COMPLETELY DRY prior to application of Polyshield 15 Topcoat.
- > Up to 8 hours or overnight depending on temperature and conditions.
- > Full cure: up to 7 days.
- > The product may remain slightly soft for a further period depending on climatic conditions, this is not detrimental to the waterproofing qualities of the product.

Precautions

- > Flammable keep away from sources of ignition.
- > Ensure good ventilation during application.
- > Wear gloves, goggles and suitable protective clothing.
- > In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
- > Remove splashes from the skin with a recognised hand cleaner or plenty of soap and water.
- > Keep out of reach of children.
- > Do not use near fishponds.
- > Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environments.
- > Do not empty into drains.

Further Information

There is a Code of practice from LRWA-"Specification and use of Liquid Applied Waterproofing Systems" on www.lrwa.org.uk which can be consulted for general advice.

If in doubt regarding any of the above points, please contact our technical services department for advice.

A Material Safety Data Sheet is available on request.

It is the users responsibility to ensure that this data sheet is current prior to using the product.



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