

## RECOMMENDATIONS FOR ROOF INSPECTION, POST-INSTALLATION MAINTENANCE & AFTERCARE

Thank you for choosing Dryseal for your roof. We want you to be able to fully benefit from the Dryseal System for many years, but like all roof coverings, Dryseal requires some care and attention.

If you follow these guidelines you will extend the service life of the product and maintain the validity of the guarantee.

Accessing roofs can be dangerous and care needs to be taken to avoid injury. If you have any doubts, we would advise you to request an approved Dryseal Contractor to do the work for you. Dryseal can be slippery when wet especially when frost is present.

**The following process should be followed on an annual basis, preferably after the autumnal leaf fall and prior to winter by the customer or customer's agent.**

### 1. INSPECTION

Foot traffic should be minimised on un-protected Dryseal and the roof only accessed when wearing flat-soled shoes – unsuitable or inappropriate footwear may damage the material depending upon the specification and any resultant defects will not be covered under the guarantee. If there are areas that require regular access for maintenance of plant and equipment, a designated protective walkway should be fitted on the surface of the Dryseal sheet. (Recommendations for suitable protection can be obtained by contacting Technical Services – see below).

#### **Damage**

Check for any puncture or abrasion damage to Dryseal sheet and surface coating. Punctures should be marked for sealing later using a permanent marker. (See section 3 for recommended repair methods).

#### **Gutters and Outlets**

Ensure that gutters and rainwater outlets are clear of dirt and debris, and that outlet "leaf guards" are correctly secured and free-draining. Check that down-pipes are not blocked.

#### **Abutments and Cover Flashings**

Check that all upstands and cover flashings are undamaged, firmly secure in place and correctly sealed and that the pointing of all masonry is sound. Also check that all door and window surrounds above the roof are adequately sealed and that there are no cracks in brickwork above the system termination point that may lead to water ingress into the brickwork and behind the cover flashing. Deterioration or damage of the building fabric beyond the perimeter of the Dryseal installation are the most common causes of water ingress.

#### **Man Safe Fall-Arrest Posts**

Ensure that all upstand collars formed in situ with Dryseal laminate are still intact, sealed at the top edge and without cable abrasion damage. Check that any pre-formed seals fitted with the man-safe cable system are still in place. Check that there are no stress cracks around the base of the cable posts.

#### **Pipe or Other Penetrations**

Ensure that upstand collars formed in situ with Dryseal laminate are still intact and sealed at the top edge and that there are no stress cracks around the base of the pipe or penetration detail.

#### **Roof Lights**

Ensure that upstands formed in situ with Dryseal laminate are still intact and sealed at the top edge. Check that the drip edge to the roof light dome is clear of silt around the glazing and is securely fixed and sealed.

## **Roof-Mounted Plant, Ladders or Roof Furniture**

Ensure that any roof-mounted equipment (e.g. air-conditioning units, ladders, floodlights) are separated from the waterproof covering and firmly mounted on a suitable base or protection layer (e.g. telescopic legs with rubber pads, paving slabs on polyester fleece or rubber matting), and that metallic supports are not in contact with the surface of the Dryseal sheet, to avoid any abrasion or puncture damage.

## **2. CLEANING**

Sweep or wash the surface of the roof covering with a mild detergent such as proprietary washing-up fluid or car shampoo. (Dryseal can be pressure washed without detriment as long as appropriate care is taken particularly at abutments, penetrations and open roof edges).

As with all roof coverings, any build-up of silt, leaf mould or debris will impede the flow of water and may lead to future problems with rainwater pipes. Remove any debris, bag and clear away.

More frequent attention to cleaning gullies and outlets may be necessary in areas of regular tree deposits, e.g. in heavily wooded areas. Bituminous, tar or grease deposits can be cleaned off using white spirit prior to detergent washing if required.

## **3. REPAIRS AND MAINTENANCE**

Punctures should be marked, cleaned and temporarily sealed using a reinforced PVC or cloth tape, proprietary repair tape or silicone sealant. A permanent repair should be carried out by an approved Dryseal Contractor as soon as possible. This action will ensure that guarantee conditions are upheld and water ingress is minimised.

Permanent repairs should always be carried out by an approved contractor using laminating materials as supplied by Hambleside Danelaw Ltd. Isolated minor puncture repairs can be carried out "in situ" using laminating resin, reinforcement mat and tissue, prior to a re-application of the correct top coat.

Larger holes or areas of more widespread damage should be repaired by overlaying with an additional layer of Dryseal membrane mechanically fixed through into the substrate. The edges of such repairs should then be laminated to the existing GRP surface after the appropriate and recommended preparation, prior to the application of top coat.

Rectify and/or repair any damage or deterioration to the fabric of the building and its components (see 1) to ensure that water does not penetrate behind the Dryseal System.

## **4. SUMMARY**

Annual attention to the above maintenance items will ensure that your Dryseal System remains serviceable and watertight for many years, the manufacturer's guarantee and independent warranty remains valid and the consequences of any damage or building deterioration minimised.

Damage caused by factors beyond the roof perimeter or not directly related to the system will not be covered under the terms and conditions of the guarantee. (See guarantee and warranty for full details).

Advice or further information can be obtained by contacting our Technical Services Department on 01327 701900 or email [Dryseal@hambleside-danelaw.co.uk](mailto:Dryseal@hambleside-danelaw.co.uk).

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