

Neuchâtel Permatec



MAINTENANCE & REPAIR GUIDE

MAINTENANCE

Guarantees for Neuchâtel Permateg Monolithic Waterproofing Systems may last for many years, and it is therefore necessary to establish the appropriate maintenance schedule which should be adopted to ensure trouble free performance during its service life.

9.1 GENERAL MAINTENANCE

In normal use Neuchâtel Permateg Monolithic Waterproofing Systems require no routine maintenance other than periodic inspections to check for damage by accidental impact or by building modifications involving the roof structure.

During the course of such inspections, sharp objects such as screws, stones, broken glass and other material should be removed from the surface in order to minimize the chances of accidental damage by subsequent foot traffic. In order to prevent damage by excessive localised loading, particularly on roofs incorporating soft insulation, planks or other simple load spreading devices should be placed under ladders or the supports of free standing structures on the roof.

Balconies and walkways will have a greater degree of foot traffic and the degree of wear and required maintenance will differ depending on the usage.

Guarantees/Warranties for roofs, balconies and walkways may also last for many years, and it is therefore necessary to establish the appropriate maintenance schedule and guidelines which should be adopted to ensure trouble free performance during its service life. This may be stipulated in the terms of the guarantee.

Consideration should be given to the need for an annual maintenance inspection to highlight any defects or damage, which can then be isolated for attention.

9.2 INSPECTIONS

Inspections should be carried out at least annually; however, inspections in spring should detect any winter damage and in Autumn should ensure that any leaves and other debris are cleared. Roofs, balconies and walkways in close proximity to trees, subject to high dust or other pollutants or other high risk locations should be inspected more frequently.

The following is a list of typical roof details, although each individual roof, balcony or walkway may have other areas that require inspection.

General areas; remove leaves, paper, silt and any other extraneous debris. Cut back overhanging tree limbs.

Upstands, flashings, cappings, expansion joint covers and capings; check exposed membrane for any damage and ensure the components themselves, sealants, mastics and pointing are in good condition and effective.

Edge details, drips and waterchecks; check that edge details are properly secured to provide protection against wind uplift.

Upstand flashings at walls, kerbs and gutters; check exposed membrane for any damage and ensure flashings, termination bars, sealants, mastics and pointing are in good condition and effective.

Upstand flashings at walls, kerbs and gutters; check exposed membrane for any damage and ensure flashings, termination bars, sealants, mastics and pointing are in good condition and effective.

Penetrations and Protrusions, pipes, rooflights and plinths; check exposed membrane for any damage and ensure sealants, mastics and clips are in good condition and effective.

Outlets, gutters and rainwater pipes; check for free flow of rainwater and remove any debris or other extraneous items. If grates are missing they should be replaced.

The requirements for the maintenance for inverted roofs are generally limited to inspecting exposed details and surfacing as the main area of the weatherproofing is protected by the insulation and ballast.

Note: Where sealants are used they may require a separate maintenance cycle.

9.3 REPAIRS

In the event of localised damage, or to reinstate a completely seamless barrier following structural modifications, repairs can be made quickly and easily by applying more of the appropriate Hot Melt Monolithic Waterproofing Membrane to the affected areas. Application should be executed in accordance with the manufacturer's specification.