

Victory.

Your NEXTEEL™ Steel and Zinc/Alum Steel Maintenance Guide

Simple maintenance of NEXTEEL™ steel and Zinc/Alum steel by regular washing with water, will not only enhance its life but maintain its attractiveness for longer periods thus protecting your asset. Applications where the paint finish is automatically washed by rainwater do not usually require this maintenance.

If cared for in accordance with these instructions, your building components made from NEXTEEL™ prepainted steel and Zinc/Alum steel will give many years of low maintenance life.

UPKEEP OF AREAS NOT WASHED BY RAIN

Areas not regularly washed by rainwater should be hosed down at least every six months and more frequently in coastal areas where marine salt spray is prevalent, and in areas where high levels of industrial fallout occur.

In cases where the regular maintenance referred to above does not remove all dirt, which may have adhered to the surface of the paint, the following procedure should be carried out:

1. Wash the surface with a mild solution of pure soap or mild non abrasive kitchen detergent in warm water.
2. Application should be with a sponge, soft cloth or soft bristle nylon brush, and should be gentle to prevent shiny spots.
3. The NEXTEEL™ steel and Zinc/Alum steel should be thoroughly rinsed with clean water immediately after cleaning to remove traces of detergent.
4. Never use abrasive or solvent type cleaners (turps, petrol, kerosene, paint thinners) on NEXTEEL™ steel and Zinc/Alum steel.

ENVIRONMENT

Avoid locating BlueScope steel products near polluted areas or in areas with aggressive environmental factors that could reduce the life of the steel.

This includes areas near barbeques, diesel fumes, air-conditioners, clothes dryers, sprinklers, bore water, water softeners and industrial applications.

GENERAL MAINTENANCE GUIDELINES FOR USING ZINC/ALUM STEEL & NEXTEEL™ STEEL

For the use of NEXTEEL™ steel and Zinc/Alum steel products, BlueScope Steel recommend that you:-

- Always use the recommended steel grade to suit your environment and any special corrosive influences.
- Store material clear of the ground and protect from rain and moisture prior to installation.
- Always use fasteners with durability equal to the material being used and which have carbon-black-free washers.
- Avoid materials and liquids which can cause corrosion, such as lead and copper, green or CCA (Copper-Chrome-Arsenic) treated timber, uncoated steel supports, fertilisers, pesticides and abrasive cleaners.
- Avoid using galvanised gutters with roofing made from Zinc/Alum steel, NEXTEEL™ steel or glazed tiles.
- Follow manufacturers recommendations for roof pitch, fastener spacings and type, support spacings and other laying procedures when installing products.
- Avoid the use of black carbon ('lead') pencils for marking sheets.

For further information please contact your nearest Revolution Roofing office or visit www.Nexteel.com.au

- Use metal cutting discs or shears to cut sheets rather than angle grinder discs.
- Use only neutral cure silicone rubber sealants.
- Debris from cutting, piercing & screwing should be removed at the end of each day, and not left on the roof or in the gutters.
- Avoid immersion in concrete, soil or water, or build up of debris against the product.
- Avoid contact with brick cleaning acid.
- Avoid using touch up paint.
- Areas not washed by rainwater should be hosed down at least every six months (more frequently in areas with industrial fallout or high salt concentrations).

SELECTING A SEALANT FOR THE JOB

Neutral Cure silicone rubber sealants are the only sealants recommended for use with NEXTEEL™ steel and Zinc/Alum steel. Look for the words 'Neutral Cure' on the sealant cartridge to make sure.

Neutral core sealants do not have acidic additions, which may adversely affect steel, provide good adhesion and do not require a primer except in extreme service conditions. The neutral sealant also provides very high resistance to the damaging effects of ultra violet rays whilst resisting extremes of both heat and cold while retaining good flexibility.

These factors ensure neutral cure sealants give long life compatible with the performance of NEXTEEL™ steel. Sealants should be applied to avoid exposure to UV rays (i.e sandwiched in the lap), and so they don't create water run-off and dirt tracks down a roof or facade.

TOUCHING UP SCRATCHES

Pre-painted steel may get scratched while being handled, however the use of touch-up paints is not recommended. They will weather differently to the original oven cured coating and this may cause variations in colour and exaggerate minor blemishes over time.

In most cases, minor damage to roofing and guttering cannot be seen and any attempt to overspray the damage may become more unsightly in the future.

Minor scratching will not affect the life of the sheet and is rarely obvious to a casual observer. Where the damage is substantial the sheet should be replaced.

OVER PAINTING

Zinc/Alum coated steel can be painted without the need for an etch primer. Some paints allow galvanised material to be over painted without priming so check your paint for details. Steel supplied with a pre-painted surface can be repainted with minimal preparation.

SWARF REMOVAL

Swarf can be removed from steel by scrubbing the area with a stiff nylon brush dipped in a mild detergent solution. Rinse the surface with water afterwards to ensure any particles are washed away. If necessary, mop up any excess water with a clean cloth.

Ensure any particles that are swept into the gutters are removed. If the swarf staining has already occurred it is not easily removed and badly affected areas may need to be painted or replaced.

