

Cleaning & Maintenance Guide

For d² Dura GRP



This guide is relevant for **Dura Grating, Dura Slab, Dura Platform, Dura Profile, Dura Key Clamp Handrailing.**

Our GRP products are extremely hardwearing and virtually maintenance free, however, to maintain maximum performance they will require cleaning periodically. The frequency of this cleaning will depend on local conditions and volume of pedestrian traffic.

Generally, a bristled brush and hot soapy water will be sufficient to remove most dirt, or dust from Dura GRP products components except Key Clamp Handrailing, however more stubborn grime may have to be removed by using high pressure power washing. It is suggested the integrity of any mechanical fixings and effectiveness of adhesive are checked annually.

Please note that the correct cleaning regime for your product is subject to site conditions and may be effected by the application. Please refer to the relevant sections below to maintain your product warranty.

Cleaning Guide

For general cleaning, any road traffic film cleaner can be used.

Usage Method:

- Scrub cleaning solution onto affected area with a soft-bristled brush.
- Leave for 10 – 15 minutes ensuring the cleaning agents loosen grime & dirt and other contaminants.
- Jet wash the solution off.

Pressure Washers or Steam Cleaning Equipment

Care should be taken to select suitable equipment. These pieces of equipment can be extremely powerful, proper training should be given to ensure they are used safely.

Usage Method:

- Sweep floor to remove loose debris and accumulations of soil. Pre-wet floor.
- Use the appropriate cleaning agent - detergent, deodoriser, degreaser, emulsifier, bactericide. Steam cleaners may require special cleaning agents.
- Apply cleaning agent (or combination of agents) following the manufacturers guidance; diluted as specified and allow it to react on surface.
- Using the pressure washer or steam cleaner, work the entire surface of the floor in a planned sequence. This will agitate and loosen hard-to-remove soil or contamination.
- Flood with clean water and work over the floor surface once again.
- Observe all regulations, which prohibit introduction of certain chemical cleaners, solvents and wastes into surface water drains, sewer systems, open bodies of water or into the soil.
- Rinse again and remove.

For General Dirt & Debris

Using Alkaline Detergent Solution apply with brush, spray with hose to remove surface debris. Use warm soapy water and a bristled brush to clear dirt and/or debris from grooves/contours. Pressure wash to remove more stubborn stains.

For Mould & Mildew

Mould and mildew can grow on surface residue that has been allowed to remain on the surface. Remove and brush as soon as possible – spray with a hose and use warm soapy water and soft bristle brush. Pressure wash for more stubborn stains.

For Oil/Grease/Food/Drink

Remove and brush as soon as possible — spray with a hose and use warm soapy water and a soft bristled brush. Pressure wash for more stubborn stains. Pressure washers up to 1500 psi may be used to maintain cleanliness. In order to prevent any damage, always keep the pressure washer nozzle at least 25cm (10 inches) from the surface, and avoid concentrated spraying on one area for more than 3 seconds. Use of a pressure washer in this manner will not shorten the life of the material.

For Ice & Snow

Use a plastic shovel or broom to remove snow and salt as required.

Cleaning Tips & Advice

DO	DO NOT
<ul style="list-style-type: none">• Conduct an initial clean before use.• Clean regularly.• Consider giving a higher frequency of maintenance to heavily trafficked areas (e.g. entrances) where the levels of grit, dirt and wear are highest. Heavily trafficked areas need more attention.• Clean up spillages immediately.• Remove traces of oil and grease immediately.• Ensure that cleaning and maintenance levels are higher in areas subject to accidental contamination by chemicals or bacteriological or radioactive materials.• Use brushes (not mops) for best results.• Use the best quality equipment available to you.• Ensure that cleaning equipment is regularly cleaned.• Follow the instructions provided by the manufacturers of cleaning solution and equipment.	<ul style="list-style-type: none">• Do not use excess concentrations of cleaning agents - exceeding the manufacturers' recommended dosage will not improve the surface finish of the product.• Always follow manufacturers instructions for cleaning solutions and agents.• Do not use excessive water.• Do not use solvents.• Do not use synthetic scrubbing pads on textured resin floor finishes. The industrial finishes will cause rapid destruction of the pads.• Do not use phenol based cleaning solutions - they will cause degradation of Dura products.