

Hargreaves Foundry Traditional Express Soil System O & M

Traditional Express Products

These products are supplied as standard in a black, gloss finish and do not require any over-coating before installation.

Other paint finish and colour by agreement.

Installation

Using secure fixings, the product should be supported in place using a sound surface capable of taking the product weight. During transit, installation and assembly of the product, any handling, scuffing or impact damage to the coating must be made good to maintain the integrity of the finished paint coating. Likewise, any cutting or drilling operations must be protected with paint immediately to prevent the onset of the rusting process.

This touch-up reworking also applies to any bolts, nuts, nails and screws used during assembly.

Routine Maintenance

Regular annual inspections are recommended to ensure the exterior surfaces are kept free from contaminant build-up. Where excessive contamination is found then the frequency of inspections needs to be increased. During these inspections, the exterior surface should be cleared of any film or contaminant build and any areas of damage to the paint surface should be rectified.

The joints and rubber seals should be checked for soundness and integrity and, in the event that a leak is apparent, the gasket should be re-seated or replaced.

Paint touch-up procedure

This process will ensure the protection of the cast iron products against rusting from the damaged areas subject to regular annual checks and routine maintenance of the exterior surfaces.

Surface preparation

a) Surface scuffing or impact damage

The affected area should be rubbed with emery or sand paper to remove any loose paint or debris and provide a key for touch-up. Any rusting from exposed metal should be fully sanded back to bare metal. This process should be carried out dry and it is essential that any oil contamination, loose dust or metal debris is fully removed on completion of the sanding operation. Paint touch-up should be carried out as soon as possible after preparation of surface.

b) Cutting and drilling

Cutting and drilling operations should be carried out well away from other products to prevent inadvertent contamination with iron particles or dust which will quickly rust and cause red rust staining on any affected products. Remove any burrs or sharp edges and ensure that any oil contamination, loose dust or metal debris is fully removed on completion of these operations. Paint touch-up should be carried out as soon as possible after preparation of the surface. If the bare metal faces have been left untreated, then any rusting of the exposed metal should be fully sanded back to bare metal before touch-up.

c) Painting process

This process should be carried out in dry conditions with the surface to be treated, clean and dry.

Use Hargreaves Foundry touch-up paint XP0007 for standard black gloss Traditional Express finish or XP0008 if a bespoke colour or paint finish has been specified. Apply an initial coat of paint to the bare metal surface ensuring all exposed areas are covered.

Excessive brushing out of the paint should be avoided since this will reduce paint layer thickness and necessitate three or four layers of touch-up paint to be required.

When the initial or previous coat is touch-dry, apply the second or additional coats of paint to the reworked area ensuring any adjacent areas of paint which have been rubbed during the sanding operations are also covered. It is important that a minimum of two thick layers of paint are applied to provide the desired paint thickness for product protection.