

CARE AND MAINTENANCE GUIDE

PVD COATED STAINLESS STEEL (PSB, PPB, PBK) HARDWARE

What is PVD Coating?

PVD stands for Physical Vapour Deposition. Also known as 'thin-film' coating, PVD coating is a process in which the hardware is placed inside a vacuum chamber and given a negative charge, a solid material (the coating) is then vapourised in this vacuum and given a positive charge forcing it to deposit atom by atom onto the surface of the hardware.

The coating is not simply layers of metal, the material is deposited atom by atom providing an ultra-thin, highly accurate and extremely strong coating. It also provides a much more uniform appearance and finish than traditional coating methods.

As the coating is very thin it enables the texture of the underlying metal to still be visible and felt. So for a satin finished product we use a base material of satin stainless steel and apply the PVD coating to it, or for a polished finish we use polished stainless steel as the base material.

Our current PVD finishes in the BLU range are PVD Stainless Satin Brass (PSB), PVD Stainless Polished Brass (PPB) and PVD Stainless Satin Black (PBK).

To help you care for our BLU PVD finished products please follow the guidelines below:

During installation and whilst building work is being carried out the hardware should be covered to protect it from dust, dirt and scratching.

Immediately after fitting and installation

- Product should be cleaned using a soft cloth and mild soapy water then dried immediately with a clean, soft cloth.

Monthly Care and Maintenance

- Clean regularly with a soft, dry cloth or duster.
- Rubbing or wiping should be carried out in the direction of the brush or polish lines, not across them.
- Product should be washed monthly using a soft cloth and mild soapy water then dried immediately with a clean, soft cloth - especially if fitted on or near the coast.
- Fingerprints can be removed by washing product as above.

Six Monthly Care and Maintenance

- Lubricate any moving parts with a suitable PTFE Grease such as GLS200 available from www.coastal-group.com.



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Please Note

- DO NOT use DR121 Cleaner or Conditioner on these finishes.
- DO NOT use oily rags or greasy cloths when wiping the product surface.
- DO NOT use bleach, abrasive cleaners, caustic or acid based cleaning materials, or detergents containing chloride, or any other strong household cleaning products.
- DO NOT use abrasive materials, files or other hard objects against the product surface.
- This product should be protected from dust and dirt during any construction work.
- PVD coatings may fingerprint so we suggest during installation of the product that you handle it with clean gloves or cloths to guard against stains or fingerprints. Fingerprints can be removed by washing product with a mild soap and water solution, then dried.
- If a softer metal such as a ring or a key marks the surface, it is possible some of this metal may have been left on the PVD coated surface. In this case use a soft cloth and mild, non-acidic cleaner to remove the soft metal deposit.



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