



Kent
STAINLESS

07/2023

Bright Peened



DESCRIPTION

Bright Peened finish, is a uniform, non-directional finish, similar to Shot Peened, except it is slightly brighter. The Shot Peening process is repeated but an electropolishing stage is added afterwards.



Kent Internal reference is 'KF7' and appended with 'Bead Blasted – Electropolished'. After blasting the product (when size allows) is submerged in an electropolishing tank to brighten the surface, reduce the Ra value and enhance the longevity of the stainless in an urban environment.

It has a very similar appearance to 'Kent KF5 Hot Rolled Electropolish' and could be used on projects where this similar finish is on items closeby.

We strongly recommend this finish in place OF Bead Blasted or Shot Peened because the reduction in the Ra values (roughness) will trap lower amounts of contaminants and salt in an urban environment



In Europe and the UK the standard BS EN10088-2 does not have an equivalent to this. More information can be found [here](#)



In the USA & Canada the standard ASTM does not have an equivalent to this.



Specify: "Bright Peened".





STREET FURNITURE

Bright Peened



Cuan Aingeal Sculpture—Wexford Harbor



Water Refill Station—Wexford Quay



STREET FURNITURE

Bright Peened



Seating—Grimsby, UK



Heelproof Drain Covers, Bermondsey Square, London, UK



Mottled finish—Some reflection



Stainless Steel Maintenance.

Although corrosion resistant, Stainless Steel needs to be well looked after to have a long service life. Salt, Iron and Grit are the biggest contributors of rusting on stainless steel products.

Clean the stainless-steel components using warm water with a mild detergent with a non-abrasive cloth or sponge. Heavier stains may require the use of a nylon scouring pad or a stainless-steel cleaner.

To remove paint or graffiti (or light concrete splashes) use a cloth and alkaline or solvent paint strippers according to type of paint. For Satin Finish Stainless try to follow the direction of the grain when cleaning vigorously or polishing. For Bead Blasted Finish use a circular motion. Rust spots or 'tea stains' can occur on the surface of the material, these are normally caused by contamination from ordinary mild steel, particularly in areas where construction work has been undertaken.

Where contamination of the stainless has occurred from ordinary mild steel coming into contact with the stainless, use Rust Remover 410. In cases where the surface is severely stained as a result of severe environmental conditions or scratched due to misuse, it may still be possible to restore the original finish using chemicals such as Oxalic Acid solution.

At specification/design stage we always recommend a polish that uses electropolishing – eg Cold Rolled Electropolished or Bright Satin. These polishes combined with using grade 316L stainless will give your stainless project the best chance of an enduring pristine finish. Cleaning as described above once or twice per annum is sufficient in almost all locations. Proximity to salt water or a dry environment where rainwater cannot reach some stainless parts may need more frequent cleaning.



Enniscorthy Flag Pole—Enniscorthy

Contact us

Phone: **+353 53 914 3216**

UK Freephone: **0800 376 8377**

USA: **781 374 7391**

Email: **info@kentstainless.com**

Address: **Ardcavan, Wexford, Ireland, Y35 CRW2**

