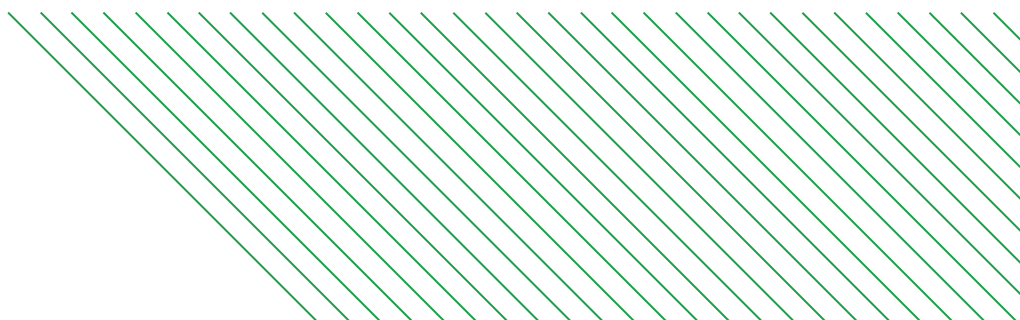
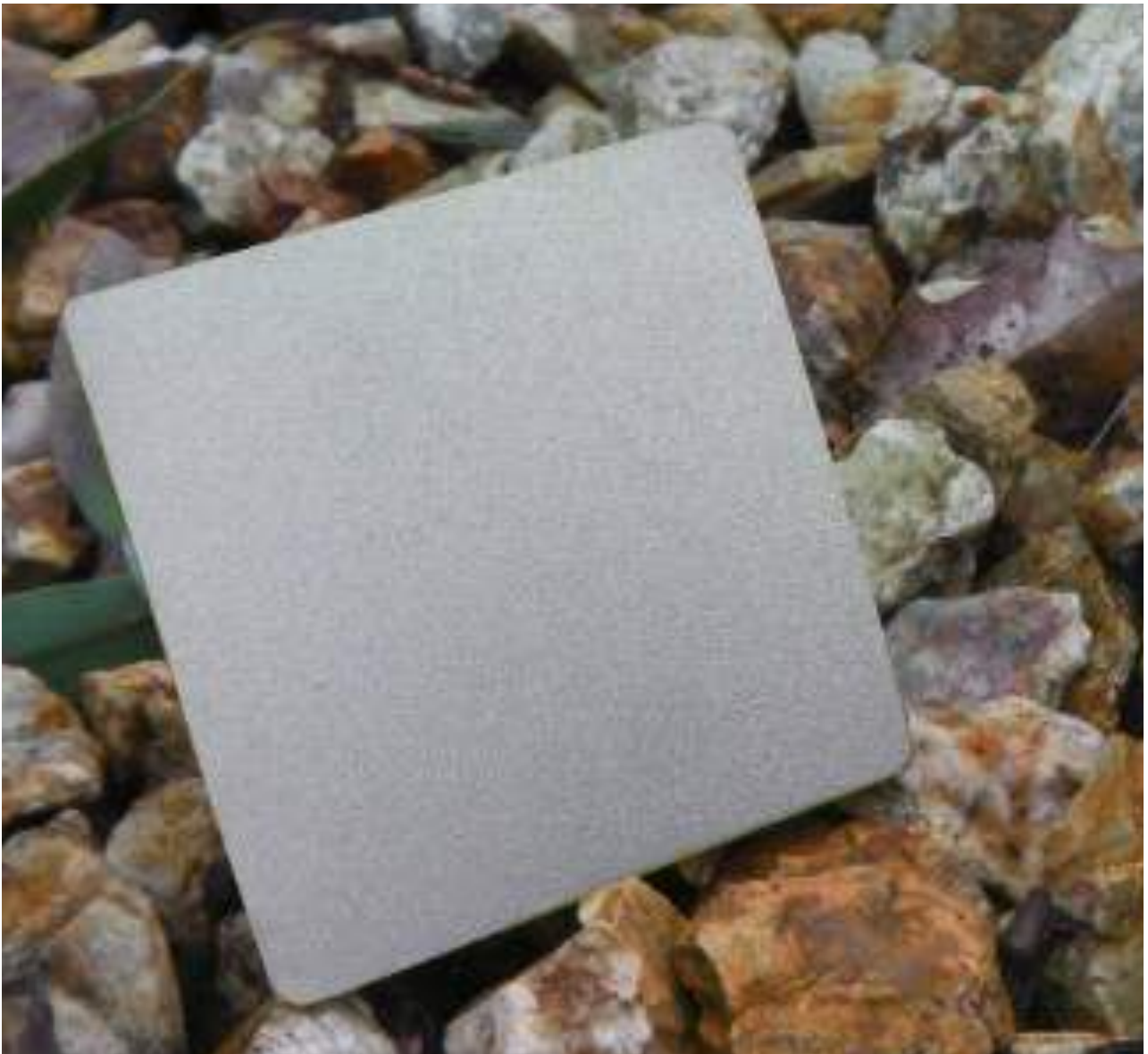


Shot Peened





DESCRIPTION

Kent Shot Peened finish is a uniform, non-directional, matt finish with a very low reflection. By firing glass beads at the stainless, tiny rounded dimples are formed.



Kent Shot Peened Finish is used to a) create a dull non reflective finish b) to increase slip resistance of gratings c) to create a uniform non directional polish on structures that may have sheets connected in different shapes.



Kent Internal reference is 'KF4' and appended with Bead Blasted -Passivated. Importantly, after blasting the product (when size allows) is submerged in a pickle passivation tank to clean any impurities


 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.


 In both jurisdictions it is wise to specify that passivation is performed after the bead blasting process.

Specify: Kent Shot Peened Finish

STAINLESS STEEL FINISHES

Shot Peened



Heelproof Ventilation Grille—Greenwich Peninsula, London



Heelproof Ventilation Grille—Greenwich Peninsula, London



Canterbury Cycle Stand—
Shepherd's Bush (Bottom half is
Shot Peened)

STAINLESS STEEL FINISHES

Shot Peened



HVM Bollard with Cycle Stand—Exhibition Road



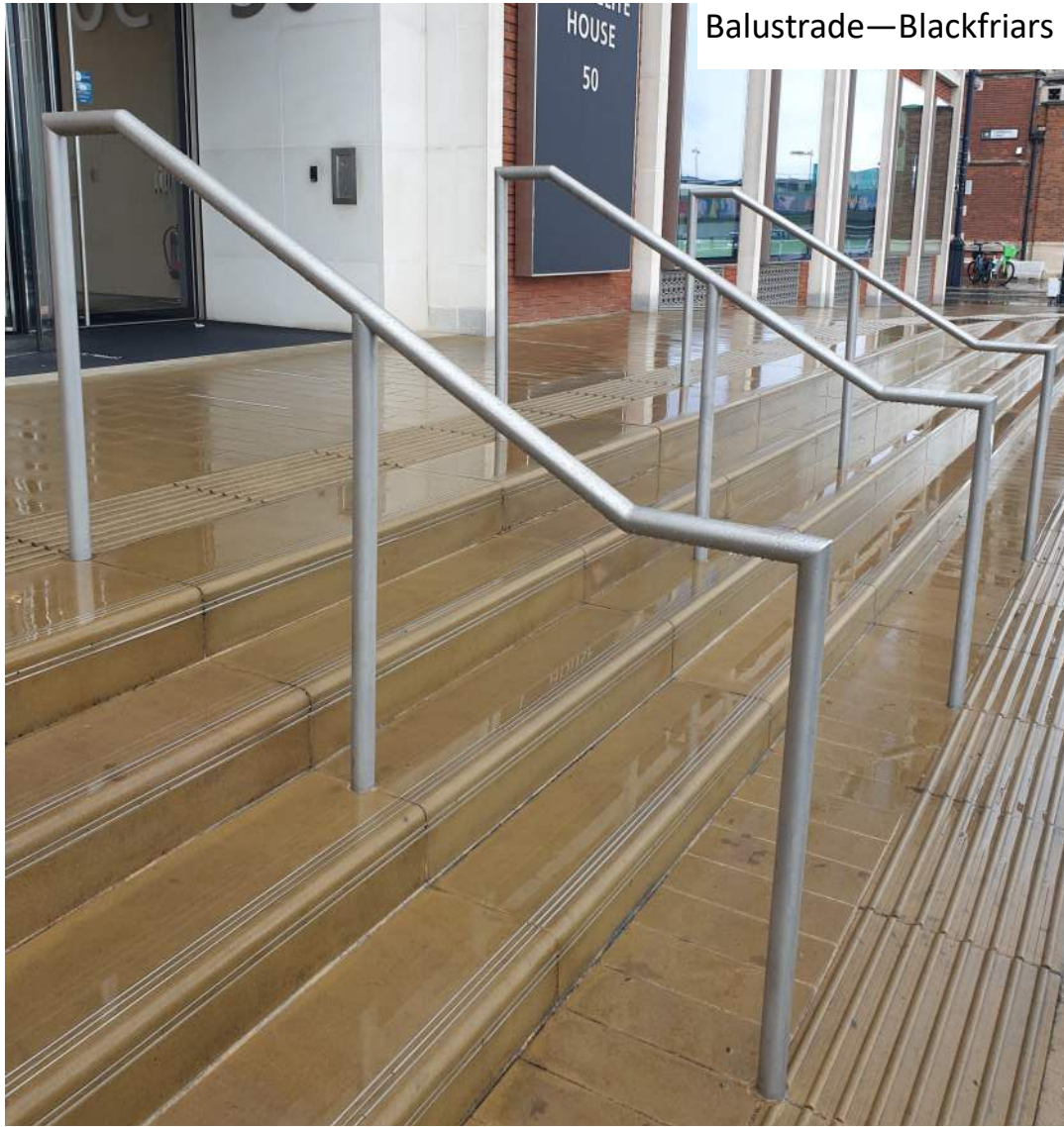
Balustrade—Greenwich Peninsula



STAINLESS STEEL FINISHES

Shot Peened

Balustrade—Blackfriars



Bermondsy Cycle Rack - Bermondsy



STAINLESS STEEL FINISHES

Shot Peened



Kent Intermediate Bulk Container



Heelproof Ventilation Grille — Doha



STAINLESS STEEL FINISHES

Shot Peened



Dublin Coastal Trails—Dublin (Matte strip is Shot Peened)



Dublin Coastal Trail sign—Dún Laoghaire



STAINLESS STEEL FINISHES

Shot Peened

Kent Shot Peened Finish is also often used to add slip resistance to stainless installed on horizontal surfaces—like drain grates.



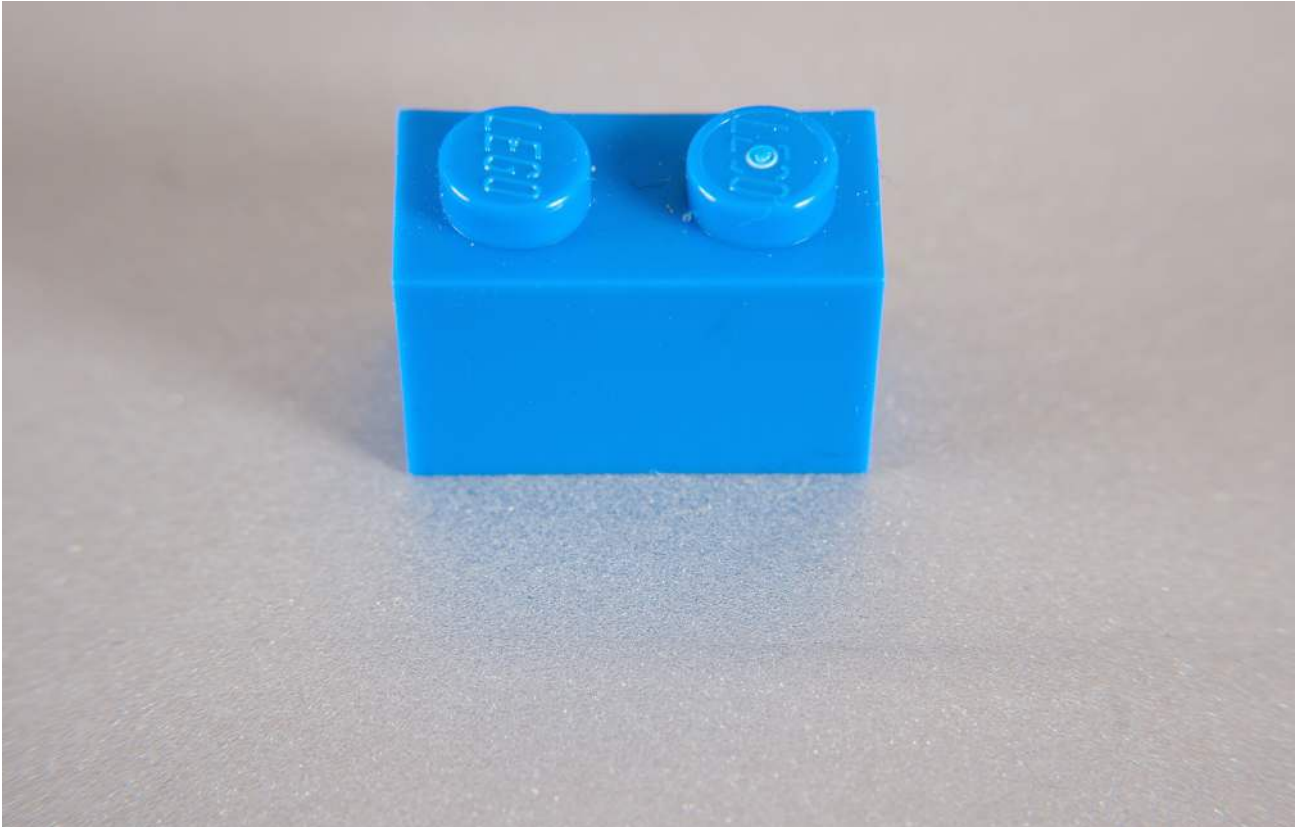
Perforated Drain Grates



Sealed Rodding Eye

STAINLESS STEEL FINISHES

Shot Peened



Little to no reflection—matt finish with non-directional polish



Stainless Steel Maintenance.

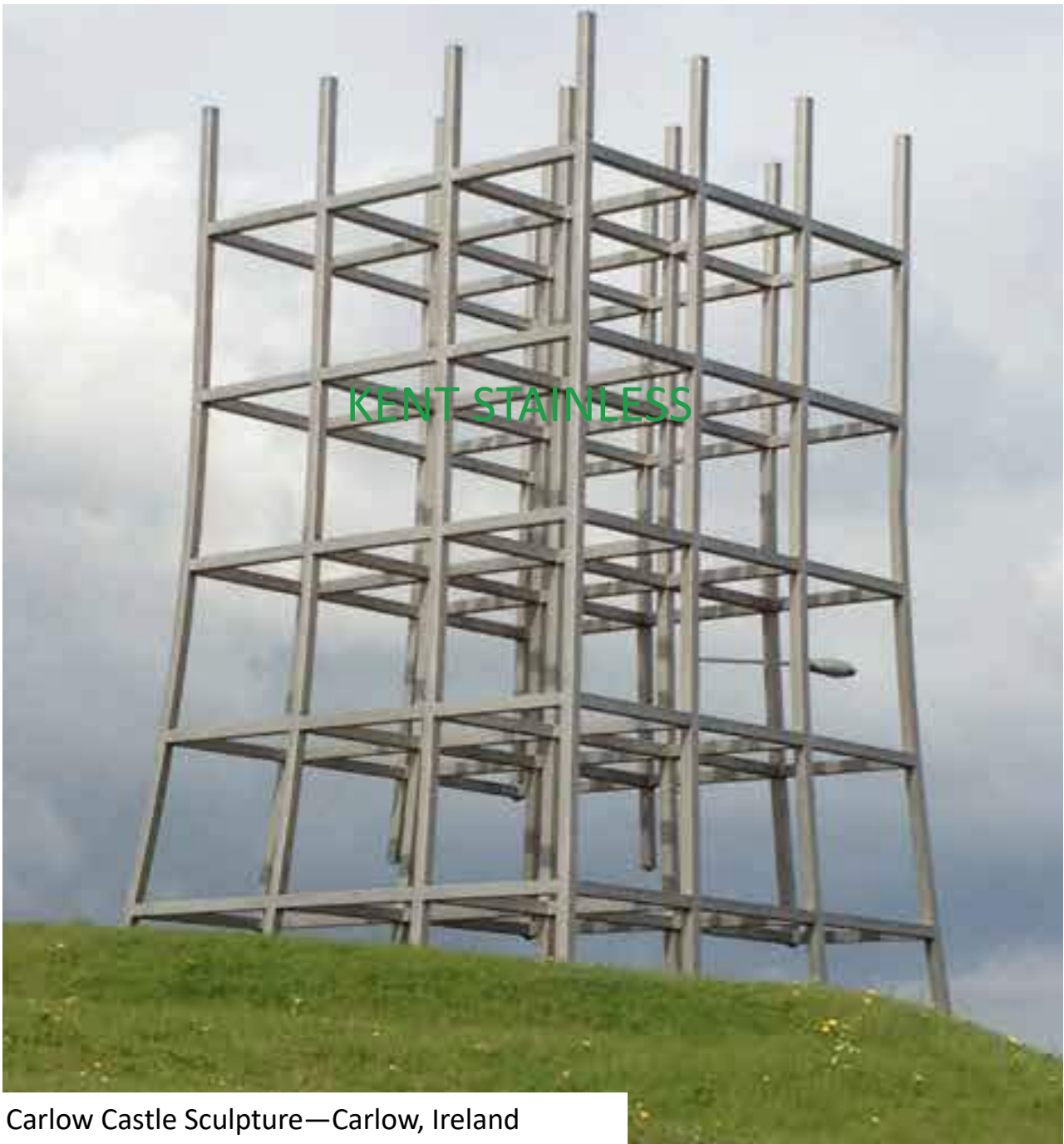
Although corrosion resistant, Stainless Steel needs to be well looked after to have a long service life. Salt, Iron and Grit are the biggest contributors of rusting on stainless steel products.

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.



Carlow Castle Sculpture—Carlow, Ireland

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