tgo the great outdoor gym company

COASTAL SPECIFICATION

Photograph: Ballycastle, Northern Ireland

For your peace of mind TGO's high quality coastal specification means we can offer enhanced corrosion protection on our equipment in coastal areas, which have higher air salinity or in harsh urban and industrial atmospheres with higher sulphur dioxide pollution*. Our industry leading treatment is available across our range.

*An upgrade to galvanised steel will be necessary for the warranty.

25 YEARS *structural steel*
On the structural integrity of steel posts, all welds, bars and steel structural equipment

10 YEARS *anti corrosion*
Against significant corrosion on galvanised products, which are erected at least 250m from the coastline

5 YEARS *anti corrosion*
Against significant corrosion on galvanised products, which are erected within 250m from the coastline

5 YEARS *anti-fade on paint*
For paintwork against material fade from exposure to ultra violet light

***Subject to full terms and conditions**

ENHANCED CORROSION PROTECTION

EN 16630 | ASTM F3101 COMPLIANT | 25 YEAR WARRANTY | MADE IN BRITAIN

UPGRADE TO GALVANISED

Hot dip galvanising is the process TGO use to add a protective coating to the body of our gym equipment. It is the same process used in many industries, from ship yards to automotive, industrial to agricultural- it's very tough!

This process submerges steel components in a bath of molten zinc, not only does it provide an outside coat, but also mixes partly with the surface of the base steel. This provides an extremely strong adhesion to the base steel, making it harder to expose the steel. The protective bond between this coating and the base steel is far superior to a coating such as paint. Even if a chip does manage to break the surface of the galvanising to expose the steel, the sacrificial nature of this coating will prevent rust of nearby exposed steel.

MARINE GRADE STAINLESS STEEL

Depending on the equipment, features within the bearing assembly will also be upgraded when specified as coastal; bearing shafts/axles are upgraded to 316 stainless steel for similar reasons to the fixings (environmental), but in this case it plays a crucial role in the longevity of the equipment function.

In harsh environments, 304 stainless steel can form 'pitting' on the surface. This causes a rough finish on the shaft/axle, so TGO convert components to 316 stainless steel to maintain the smoothness and the lifespan of the moving parts.

ALUMINIUM

Across the cardio range, for the non structural panels, the s275 steel that would have been hot dipped galvanised is replaced with aluminium. Aluminium doesn't rust and corrodes in a different manor to steel therefore does not require hot dip galvanising. This allows us to have a superior finish and reduced labour time, opposed to hot dipped galvanising.

FIXINGS UPGRADED

Fixings are upgraded from A2 to A4 stainless steel. 316 Stainless steel is more commonly referred to in fixing form as A4. Often described as the marine grade, it is the highest corrosion protection for a fixing and benefits from enhanced resistance to stress-corrosion cracking.

TGO's Hot dipped galvanised spinning bikes

Rochester Riverside, Kent

Dubai beach

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