

GALVANIZATION CLASS & CE MARKING

GALVANIZATION CLASS

For batch galvanising in accordance with application standard ISO 1461: Requirements and tests, galvanising class 1 or category A in accordance with ISO 14713-2 can be guaranteed for tubes in accordance with the endurance dynamic factory standard.

This applies to the grades

- » S355M
- » S420M
- » S460M
- » S500M
- » S550M*

Please note that attention must be paid to galvanization compatible constructions (drain holes, tightly welded cavities). ISO 14713 must be observed as a guideline for the protection of steel structures against corrosion.

*) Materials above S500 require a separate process test for hot-dip galvanizing due to the risk of cracking (LME), especially when used in steel structures (see DaSt Guideline 022 - „Hot-dip galvanising of load-bearing steel components“). Tests carried out in accordance with DaSt 022 on endurance dynamic hollow section samples made of S420M with narrow bevel dimensions (C/T=1.25) showed no abnormalities

CE MARKING

CE labelling is an essential basis for endurance to be placed on the market as a construction product throughout the European Union. This declares the conformity of our endurance hollow profiles with the relevant standards.

endurance dynamic hollow sections are manufactured in accordance with drawings and standards and can be CE-marked for use in steel structures in accordance with EN 1090-1 and EN 1090-4 EXC2.