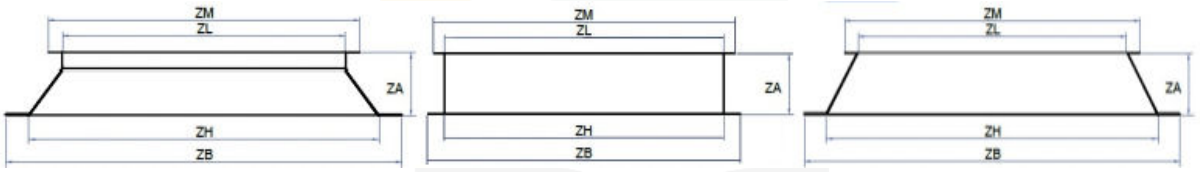


GALVANIZED STEEL UPSTAND

Technical Data Sheet

PRODUCT DESCRIPTION

Shams galvanized steel upstands are manufactured from 1.5 mm thick galvanized steel sheet, which prevents oxidation and corrosion and provides a clean, modern exterior appearance. Standard heights: 150 mm and 300 mm.



They are designed to be installed together with Shams domes manufactured in PMMA (acrylic), solid polycarbonate and HeatStop. Upstands are available with square and rectangular bases and can be combined with the different Shams opening systems.

FIRE PERFORMANCE – STEEL UPSTAND

According to the European standard UNE-EN 13501-2:2009+A1:2010, which specifies the classification of construction products and building elements based on their fire performance, Shams galvanized steel upstands achieve the following classification:

Euroclass: B-s1,d0 **Reaction to fire:** Combustible – very limited contribution to fire **Smoke production:** Low smoke production **Droplets/particles:** No flaming droplets or particles produced.

MECHANICAL PROPERTIES – STEEL SHEET (TENSILE TEST)

- **Maximum tensile strength Rm:** 360 N/mm² (EN 10346:2015)
- **Maximum yield strength Re:** 315 N/mm² (EN 10346:2015)
- **(Re / Rm) × 100:** 88 (EN 10346:2015)
- **Elongation at break:** 35 % (EN 10346:2015)

The values shown are based on the technical data provided by the raw material supplier and correspond to tests carried out under standard conditions. Shams reserves the right to introduce modifications derived from product development and improvement.