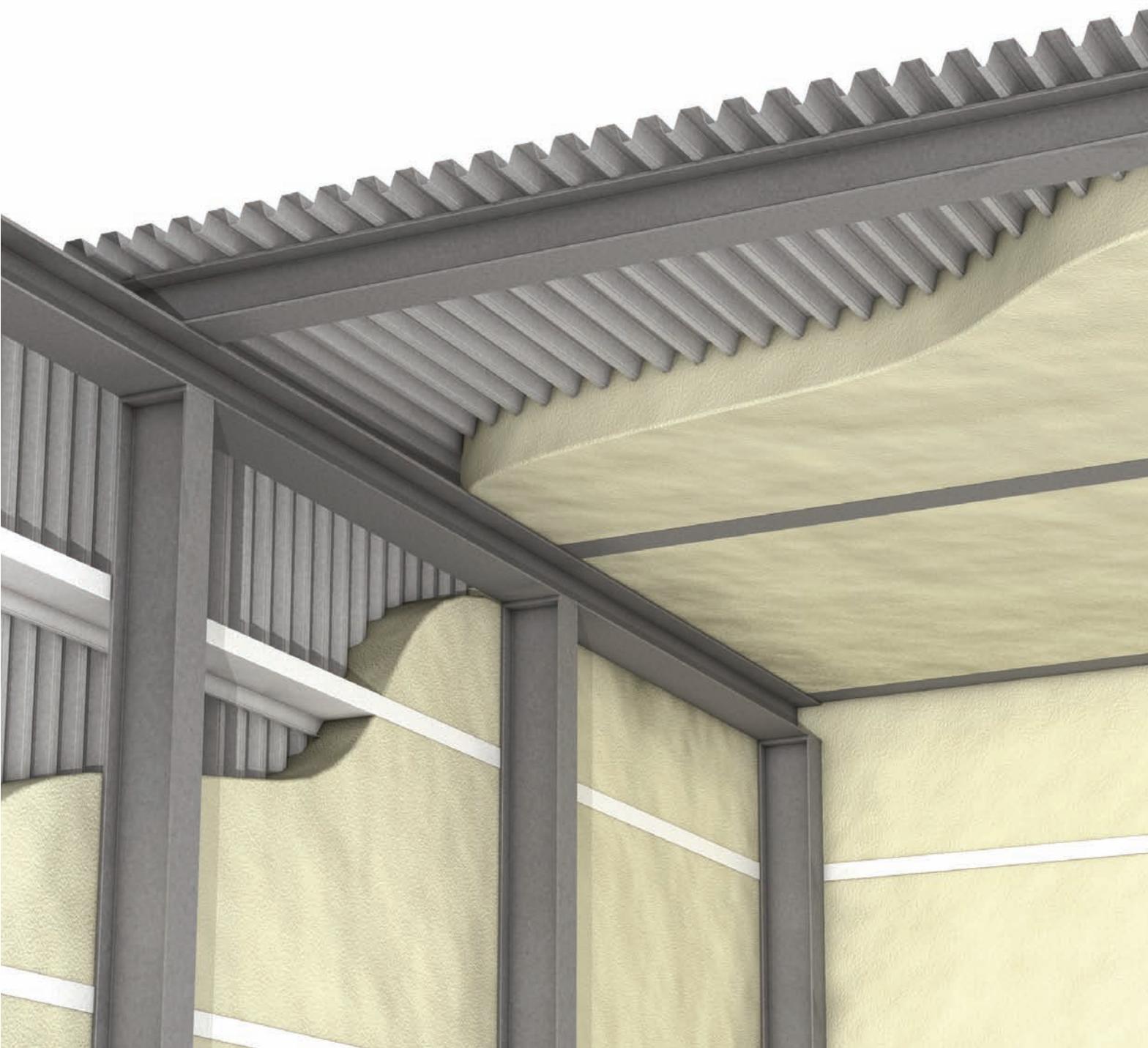


Agricultural & commercial buildings



Elastopor H information sheet

Agricultural & commercial buildings

Description

Elastopor H Class 1 fire rated closed cell foam is a common choice of insulation material for many single skin agricultural and commercial buildings. This inert rigid polyurethane is able to withstand extremes of temperature and humidity, providing sustainable energy savings for the life of the building.

Key features and benefits

- Spray foams are applied quickly with the minimum of fuss
- No labour intensive cutting or fitting of boards
- Less waste
- Less storage of materials on site

U-values

Foam thickness (mm)	U-value (W/m ² k)
25	1.01
30	0.84
35	0.72
40	0.65
45	0.58
50	0.53
55	0.48
60	0.45
65	0.41
70	0.38

Common applications

Any building requiring a thermal upgrade or anti-condensation treatment including:

- Potato stores
- Grain stores
- Warehousing
- Temperature controlled storage
- Onion stores
- Broiler houses
- Workshops
- Pig breeding and rearing units

Finishing

Elastopor H can be coated with water or solvent based paints to preserve the foam from UV discolouration, act as a vapour check or increase its fire resistance.

Foam thickness (mm)	U-value (W/m ² k)
80	0.31
85	0.30
90	0.28
100	0.25
115	0.22
125	0.20
130	0.19
150	0.16
160	0.15

For thin skinned structures, this table can be used as a guide if asked to provide a target U-value.

