



# INSULATION & PACKAGING DISTRIBUTORS CC

## FACTORYLITE

Factorylite is an effective commercial & industrial roofing insulation which is widely used in buildings without ceilings to create a comfortable environment. Factorylite is manufactured from high quality non-combustible Glasswool with an inert binder, which makes the product lightweight, safe and resilient. Factorylite is faced on one side with either an ASTM E84 approved reinforced foil, white metalized foil or black metalized foil.

Factorylite is ideal for use in systems/buildings where minimal spread of flame, heat contribution and smoke generation is required.

### QUALITY MANAGEMENT SYSTEM

Factorylite products are manufactured according to ISO 9001:2000.

### FIRE PROPERTIES

Non-combustible

- Foil faced tested to SANS 10177 Part 5
- White metalized foil = A1, S1, D0 - tested to DIN EN 13823

[A = general classification, S = smoke generation, D = droplets]

Class 1 fire index rating - tested to SABS 0177 Part 3 [only foil faced]

Complies with ASTM E84 flame spread & fire index requirements



### ACOUSTIC PROPERTIES

Offers exceptional acoustic properties & enhances indoor environmental quality by absorption of noise. Subject to application, Factorylite insulation may reduce the sound transmission to and from a room or building.

### ECOLOGICAL INFORMATION

Factorylite insulation products are made from glass mineral wool, one of the most environmentally friendly insulations available.

### PHYSICAL DIMENSIONS

Rval [m <sup>2</sup> K/W]	Thickness [mm]	Length	Width [mm]	k-value [W/mK]	NRC Value
1.28	50	8 m to 30 m	1200	0.039	0.65
1.92	75	6 m to 20 m	1200	0.039	-
2.56	100	5 m to 15 m	1200	0.039	-

*Typical values*

Roll lengths are available in increments of 500 mm within minimum & maximum lengths specified.

### SPECIFICATION

Install 50/75/100 mm thick with a thermal performance of [Rval 1.28/1.92/2.56], non combustible, lightweight Factorylite industrial building insulation in foil, white metalized foil or black metalized foil on one/both sides, over purlins (new buildings), between purlins (existing buildings), after tensioning with hoop irons.