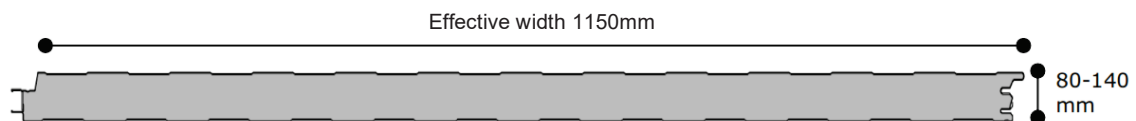




Manufacturer: C300 dak- en wandssystemen BV — Postbus 376 — 3900AJ Veenendaal — the Netherlands
Production site: Moleculenstraat 5 — 3903LH Veenendaal — the Netherlands

Hardeman 1150-WV-LL/M16L – Wall panel



Panel	Weight (kg/m ²)	Insulation Value U-value (W/m ² K)	Thermal resistance Rc-waarde (m ² K/W)	Fire resistance EN 1364
1150-WV-40	10,10	0,70	1,36	-
1150-WV-60	10,94	0,37	2,70	EW60
1150-WV-80	11,78	0,27	3,73	EW60
1150-WV-100	12,62	0,22	4,70	EW120
1150-WV-140	14,26	0,15	6,58	EW120

Steel grade

S280GD according to EN 10147

Corrosion protection

Z275 or AZ150 according to EN 10326

Coatings

Plastisol P200, Nova 50 and/or Polyester 25 according to EN 10169

Insulation

PIR-plus insulation +/- 38 kg/m³ acc. to EN 14509, penthane blown and fully (H)CFK-free production. Lambda value according to NEN-EN 12667 and NEN-EN 13165; Rc-values according to NTA 8800

Quality mark

Panels are extensively tested and checked by FPC (factory production control) system according to EN 14509. The panels are supplied under the CE mark

Safe load spans

Loads calculated according to eurocode NEN-EN-1991-1; calculation methods according to EN 14509; job-related calculation can be provided given local snow- and windloads

Fire behaviour and fire resistance (Wall panel)

Fire classification: B,s2-d0 according to EN13501-1 (certified)

Fire resistance (see table above) according to EN1364 (certified), for use as outside wall

Sound insulation

For all PIR panels a weighed average value of +/- 25 dB(A) can be used to calculate sound resistance.

Sound resistance of the 60/92 panel according to ISO 10140-2: Rw= 25dB

Producttolerances

Tolerances, sizes and production according to EN 14509 and EN 508-1 standards