ProductDataCollection

CAWS work section H11 Clause Number 110K NBS Clause Number H11/110K

For ProductPageSchedule

Manufacturer's Promotion Information:

Environmental statement:

Environmental labelling:

3rd party product accreditation:

Quality Management Certification:

EPD (to ISO 14025):

BRE Ecopoints:

Product Name: Product description

Material/s

Insulated, translucent, light-diffusing, wall and roof systems.

Kalwall+ Lumira is the most highly insulating, diffuse-light-transmitting system available.

Transmitting useable daylight with insulating U-values between 0.74 and 0.28 W/m2K (overall panel excluding

frames), conductive winter heat loss is kept to a minimum.

Additionally, compared to other light transmitting products Kalwall's low shading coefficients significantly reduces

solar heat gain, with subsequent reductions in the buildings' heating and cooling costs.

The primary element is a structural composite sandwich panel formed by permanently bonding, under heat and pressure, specially formulated, fiberglass-reinforced translucent faces to a grid core constructed of interlocked,

structural aluminum/composite, thermally broken or standard "I" beams.

Panels can only be flat.

Every job is custom pre-engineered from standard components to assure a perfect fit. Applications: external wall, shallow and pitched sky-roof, skylight, sky-roof, pyramid roofs.

(Introductory text provided by UK Supplierlinstaller edited by GreenSpec UK)

Fibreglass faces, aerogel core, aluminium frame.

ves None

unrated

Gifford Sustainability Appraisal Process (GSAP)

Energy Star (USA);

Lumira insulation alone is MBDC 'Cradle to Cradle' rated (USA)

CE Mark: EN 13830: Curtain walling

NFRC National Fenestration Ratings Council (USA) Systems Certified

3rd party product endorsement: GreenSpec (USA)

GreenSpecPASS endorsement

Environmental management: ISO 14001/EMAS

GreenSpecPASS (UK) pending

ICC-ES (USA); Underwriters Laboratory (UL) (USA);

FM Factory Mutual Global FPC Factory Production Control

panels are reusable; fibreglass is recyclable; Reusability/Recycleability: aluminium is recyclable

Recycled content (to ISO 14021/WRAP): aluminium: 20 - 25% 25+ years (verified by ETA) Life expectancy:

Substitute for or new materials / method: Structural glass plank cladding system Country/s of manufacture: USA From UK ports: Liverpool, Southampton

UK distribution location:

Downloads

Product brochure 605 KB kalwall+lumira.pdf Introduction to Kalwall 45 KB kalwall1.pdf Choosing the panel 171 KB kalwall2.pdf Peformance data 41 KB kalwall3.pdf Technical performance 424 KB kalwall4.pdf Sustainability 26 KB kalwall5.pdf Typical specification 23 KB kalwall6.pdf

ETA for Kalwall Curtain walling

Standard details

Manufacturer

Manufacturer: Address: Telephone: Fax: Email: Website: Images:

Kalwall Corporation USA,

6 MB kalwall8.pdf

Supplier Supplier: (Name) from drop down list Supplier: Other

Structura UK Limited 7 The Glenmore Centre, Moat Way, Sevington, Ashford, Kent TN24 0TL Address:

Telephone: 01233 501504 Kalwall@structura.co.uk www.structura-uk.com Fmail: Website:

Images: Date

Images:

Get Price Supply information:

Kalwall+ Lumira

PASS Schedule

Manufacturer: (Name) Supplier: (Name) Website: Product Reference: Description of product/system: Application: (promoted by manufacturer): Is it competent in this application? Claims made appear in Literature Advertising Website:

Kalwall Corporation USA, Structura UK Limited www.structura-uk.com Kalwall+ Lumira

Insulated, translucent, light-diffusing, wall and roof systems.

External wall, shallow and pitched sky-roof, skylight, sky-roof, pyramid roofs.

Yes

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