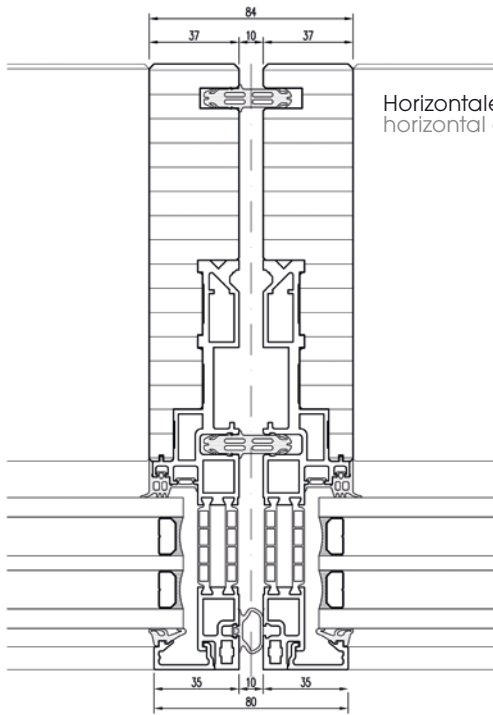
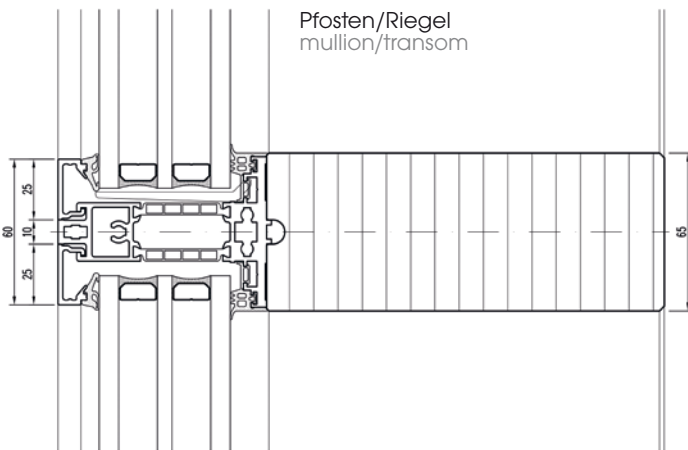
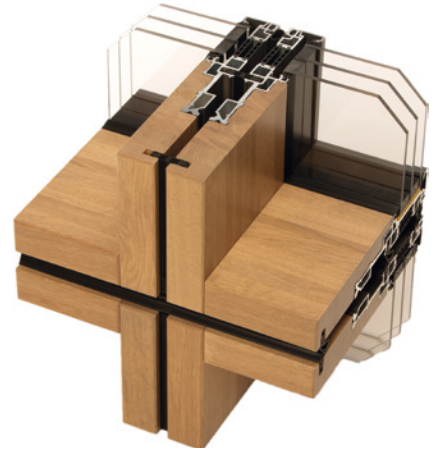


Holz-Metall-Elementfassade HMEF 2020  
timber unitised curtain wall HMEF 2020

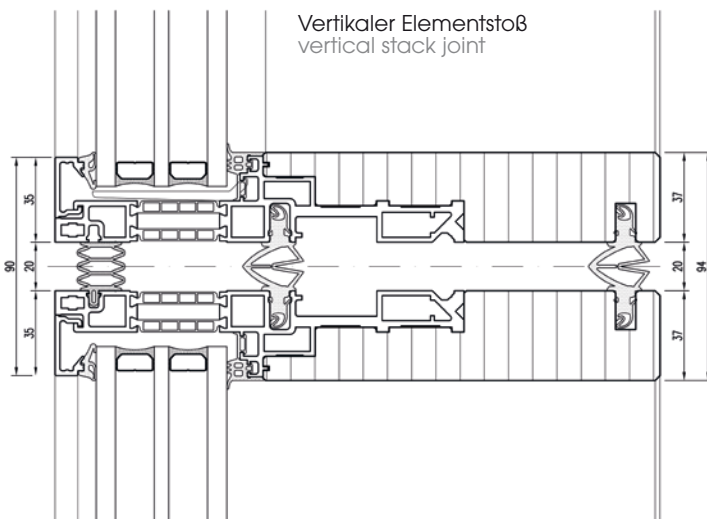




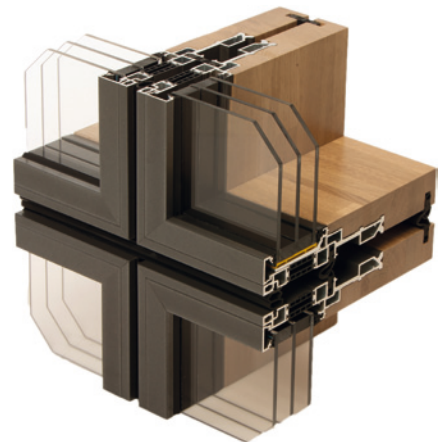
Horizontaler Koppelstoß  
horizontal element joint



Pfosten/Riegel  
mullion/transom



Vertikaler Elementstoß  
vertical stack joint



## Prüfergebnisse test results

EN 13830:2003-09

CWCT – standard for systemised building envelopes, part 8



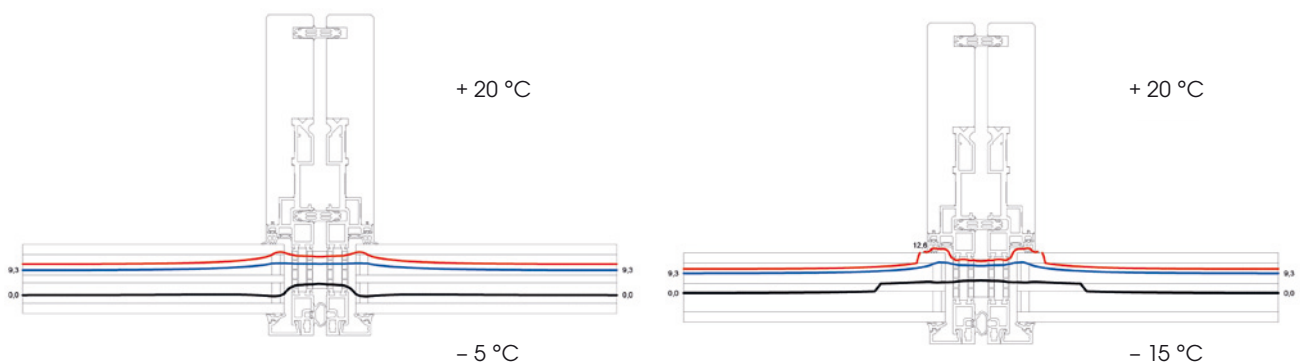
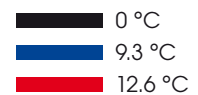
Luftdurchlässigkeit	air permeability	AE <sub>750</sub>
Wasserdichtigkeit (statisch)	watertightness (static)	RE <sub>1350</sub>
Widerstandsfähigkeit bei Windlast (zulässige Last)	resistance to wind load (design)	± 2.0 kN/m <sup>2</sup>
Widerstandsfähigkeit bei Windlast (erhöhte Last)	resistance to wind load (safety)	± 3.0 kN/m <sup>2</sup>
Wasserdichtigkeit (dynamisch)	watertightness (dynamic)	250 Pa – 750 Pa
Schlagbeständigkeit	impact resistance	I5/E5
Wasserdichtigkeit (Schlauchtest)	watertightness (hose test)	bestanden passed



## Wärmeschutz thermal value

U <sub>CW</sub> -Wert	U-value curtain wall	≥ 0.76 W/m <sup>2</sup> K
Elementgröße	element size	2,500 x 3,400 mm
U <sub>g</sub> -Wert	U-value glass	0.6 W/m <sup>2</sup> K
Glasabstandshalter	glass spacer	Swisspacer

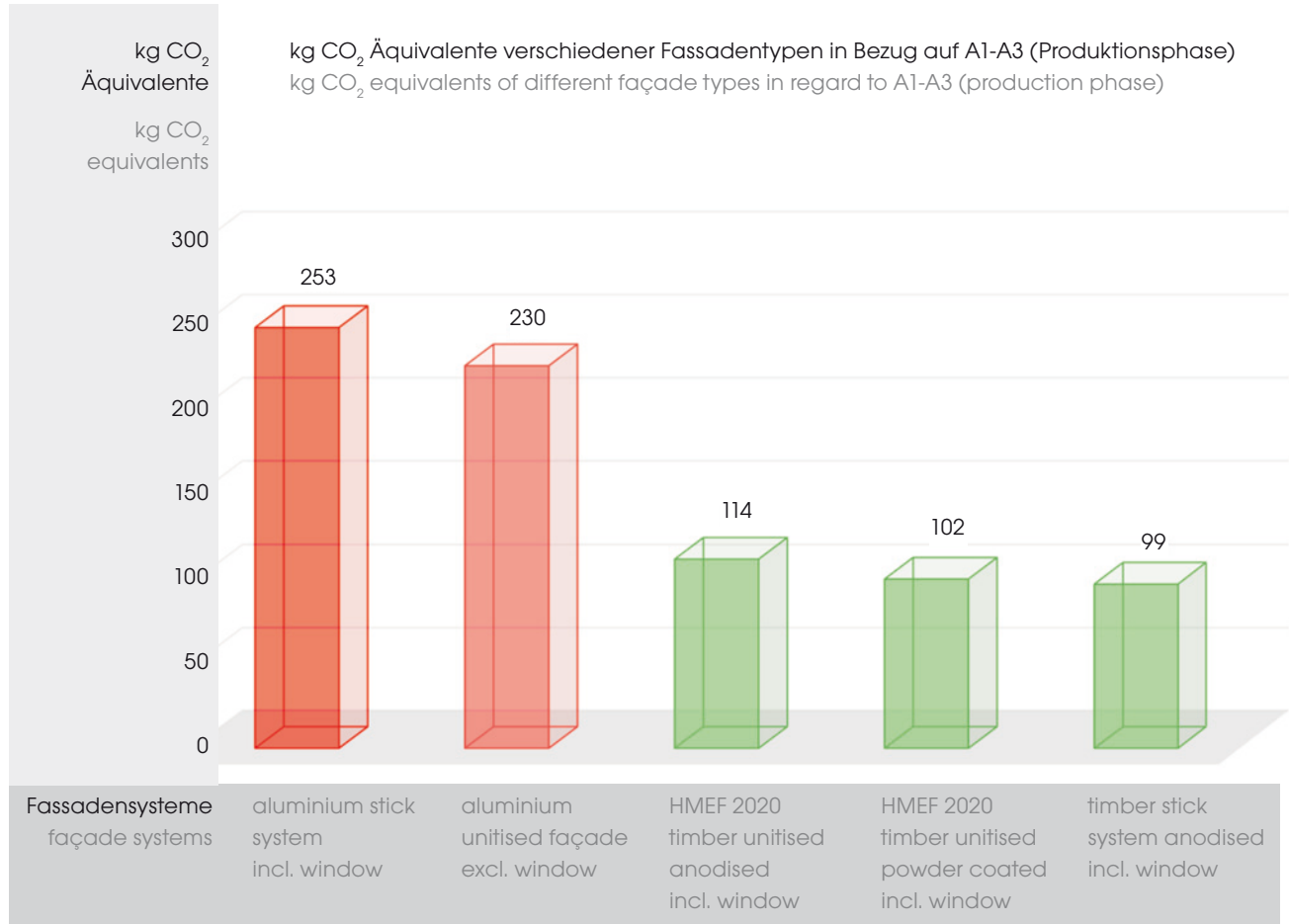
Legende Isothermen  
Legend isotherms





# Umwelt-Produktdeklaration environmental product declaration

EPD-SFA-49.0



## Nachweis zur Tragfähigkeit proof of load capacity

Prüfbericht KIT test report KIT (Karlsruher Institut für Technologie) 216122

Maximale Glaslast maximum glass load ~ 500 kg











Fotos/photos: Robert Sprang, rsfotografie.de (11), Fotostudio Koch, fotostudiokoch.de (5)



Fassadenlösungen  
façade solutions



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