

## **Declaration of Performance**

EU Regulation No 305/2011, Annex III

harvey	DOP Number:	251		Revison:	
	Product type:	251 HD4 170		<u>rtevison.</u>	
	ntended use: :			. for more no.	
INTELS	ntended use.	To be used in walls and partitions, as an ancillar co (BSEN 1993-1-3 Structural Class III, intended to be only transfers loads to the structure)	•		
Manufacturer: Harvey Steel Lintels					
Commerce way, Whitehall In-	dustrial Estate			TableA1:	
Colchester, Essex CO2 8HH				Load bearing	capacity
The Notified Testing Laboratory: University of Glamorgan Commercial Services Research and Environmental Applications (CE		<b>o</b>		Clear Opening span (mm)	SWL UDL (kN)
Llantwit Road, Treforest Pont	•• •			600	175
Assessment and Verification of Constancy of Performance: System 3				900	175
Assessment and Verification of Constancy of Performance: System 3			1200	175	
This DOP is coverd by following harmonised standard:			1500	175	
Manufactured according to the requirements of the European Harmonised Standard EN 845-2: 2003 and fulfil the conditions for CE Marking in accordance with annex ZA of EN 845-2: 2003.			1800	175	
The conformity assessment was executed in accordance with the method stated in tables ZA.2 and ZA.3		2100	175		
				2400	175
				2400	175
				2400	175
Declared Performance:					-
Declared Performance: Essential Characteristics		Performance	hEN	2700	175
		eA1 as safe working loads (SWL) under uniform distributed	hEN	2700 3000	175 175
Essential Characteristics	loading (UDL)	eA1 as safe working loads (SWL) under uniform distributed		2700 3000 3300	175 175 159
Essential Characteristics	loading (UDL)	eA1 as safe working loads (SWL) under uniform distributed		2700 3000 3300 3600 3900 4200	175 175 159 147 136 126
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN	loading (UDL)	eA1 as safe working loads (SWL) under uniform distributed		2700 3000 3300 3600 3900	175 175 159 147 136
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN Deflection Under Load	loading (UDL) Less than effe (EN 1990: 200	eA1 as safe working loads (SWL) under uniform distributed ective span/325 as safe working load in service limit state 02 + A1 ; 2005 NA)		2700 3000 3300 3600 3900 4200	175 175 159 147 136 126
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN Deflection Under Load Water Absorption	Less than effe (EN 1990: 20) Zero	eA1 as safe working loads (SWL) under uniform distributed ) ective span/325 as safe working load in service limit state 02 + A1 ; 2005 NA) e		2700 3000 3300 3600 3900 4200	175 175 159 147 136 126
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN Deflection Under Load Water Absorption Water Vapour Permeability	Less than effe (EN 1990: 200 Zero Not Applicable Steel 64 W / r	eA1 as safe working loads (SWL) under uniform distributed ) ective span/325 as safe working load in service limit state 02 + A1 ; 2005 NA) e		2700 3000 3300 3600 3900 4200	175 175 159 147 136 126
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN Deflection Under Load Water Absorption Water Vapour Permeability Thermal Resistance	Less than effe (EN 1990: 200 Zero Not Applicable Steel 64 W / r	eA1 as safe working loads (SWL) under uniform distributed ective span/325 as safe working load in service limit state 02 + A1 ; 2005 NA) e n.k		2700 3000 3300 3600 3900 4200	175 175 159 147 136 126
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN Deflection Under Load Water Absorption Water Vapour Permeability Thermal Resistance Resistance to Fire	Less than effe (EN 1990: 200 Zero Not Applicable Steel 64 W / r NPD (Contact	eA1 as safe working loads (SWL) under uniform distributed ective span/325 as safe working load in service limit state 02 + A1 ; 2005 NA) e n.k		2700 3000 3300 3600 3900 4200	175 175 159 147 136 126
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN Deflection Under Load Water Absorption Water Vapour Permeability Thermal Resistance Resistance to Fire Durability (against corrosion)	Less than effe (EN 1990: 200 Zero Not Applicable Steel 64 W / r NPD (Contact Coating L14	eA1 as safe working loads (SWL) under uniform distributed ective span/325 as safe working load in service limit state 02 + A1 ; 2005 NA) e n.k		2700 3000 3300 3600 3900 4200	175 175 159 147 136 126
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN Deflection Under Load Water Absorption Water Vapour Permeability Thermal Resistance Resistance to Fire Durability (against corrosion) Durability (against freeze/thaw)	Less than effe (EN 1990: 200 Zero Not Applicable Steel 64 W / r NPD (Contact Coating L14 Resistant	eA1 as safe working loads (SWL) under uniform distributed ective span/325 as safe working load in service limit state 02 + A1 ; 2005 NA) e n.k	Specification for ancillary components for Lintels	2700 3000 3300 3600 3900 4200	175 175 159 147 136 126
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN Deflection Under Load Water Absorption Water Vapour Permeability Thermal Resistance Resistance to Fire Durability (against corrosion) Durability (against freeze/thaw) Dangerous Substance	loading (UDL) Less than effe (EN 1990: 200 Zero Not Applicable Steel 64 W / r NPD (Contact Coating L14 Resistant None	eA1 as safe working loads (SWL) under uniform distributed ective span/325 as safe working load in service limit state 02 + A1 ; 2005 NA) e n.k	2, Specification for ancillary components for 2: Lintels	2700 3000 3300 3600 3900 4200	175 175 159 147 136 126
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN Deflection Under Load Water Absorption Water Vapour Permeability Thermal Resistance Resistance to Fire Durability (against corrosion) Durability (against freeze/thaw) Dangerous Substance	loading (UDL) Less than effe (EN 1990: 200 Zero Not Applicable Steel 64 W / r NPD (Contact Coating L14 Resistant None	eA1 as safe working loads (SWL) under uniform distributed ective span/325 as safe working load in service limit state 02 + A1 ; 2005 NA) e n.k	2012, Specification for ancillary components for oart 2: Lintels	2700 3000 3300 3600 3900 4200	175 175 159 147 136 126
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN Deflection Under Load Water Absorption Water Vapour Permeability Thermal Resistance Resistance to Fire Durability (against corrosion) Durability (against freeze/thaw) Dangerous Substance Minimum Bearing Length (mm)	loading (UDL) Less than effe (EN 1990: 200 Zero Not Applicable Steel 64 W / r NPD (Contact Coating L14 Resistant None	eA1 as safe working loads (SWL) under uniform distributed bective span/325 as safe working load in service limit state 02 + A1 ; 2005 NA) e n.k t Harvey steel for project specific details) document A	2 : 2012, Specification for ancillary components for - Part 2: Lintels	2700 3000 3300 3600 3900 4200	175 175 159 147 136 126
Essential Characteristics Load Bearing Capacity (E <sub>k</sub> , in kN Deflection Under Load Water Absorption Water Vapour Permeability Thermal Resistance Resistance to Fire Durability (against corrosion) Durability (against freeze/thaw) Dangerous Substance Minimum Bearing Length (mm)	loading (UDL) Less than effe (EN 1990: 200 Zero Not Applicable Steel 64 W / r NPD (Contact Coating L14 Resistant None	eA1 as safe working loads (SWL) under uniform distributed bective span/325 as safe working load in service limit state 02 + A1 ; 2005 NA) e n.k t Harvey steel for project specific details) document A 310.0	: 2012, Specification for ancillary components for Part 2: Lintels	2700 3000 3300 3600 3900 4200	175 175 159 147 136 126

Note:

Issued under the sole responsibility of Harvey steel Lintels

Signed on behalf of the manufacturer by :

Harvey Steel 01.07.2013

David Harvey (Managing director) F )

(Place and date of issue)

(Signature)