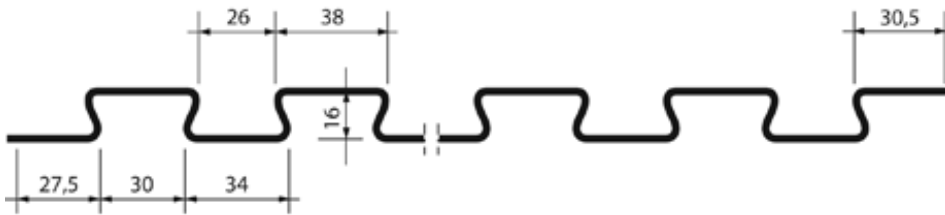
 Declaration of Performance (DoP) No. 201306LWS-UK		
1. Product name	LEWIS® Dovetailed sheeting	
2. Marks	Coil number, date and sheet length	
3. Intended use	Rolled profiled dovetailed steel sheeting used for shuttering & reinforcement of thin lightweight concrete floors on wooden joists, light steel beams or other kind of support structures	
4. Name and contact details manufacturer	Reppel bv Bouwspecialiteiten Pieter Zeemanweg 107 Dordrecht	
5. System of assessment and verification of constancy of performance	2+	
6. Activity of the notified body according to EN 1090-1:2009+A1:2011	The notified body no. 0620, Kiwa has based upon: <ul style="list-style-type: none"> • the initial inspection of the production plant and the factory production control • continuous surveillance, assessment and evaluation of the factory production control issued the certificate of conformity for the factory production control with the unique number: 76872	
Declared performance		
Essential characteristics	Performance	Harmonised technical specification
Tolerances on geometry	EN 1090-2 / EN 10346 / EN 10143 / DIN 18807	EN 1090-1:2009+A1:2011
Weldability	N.P.D.	EN 1090-1:2009+A1:2011
Fracture toughness / impact resistance	N.P.D.	EN 1090-1:2009+A1:2011
Load bearing capacity	N.P.D.	EN 1090-1:2009+A1:2011
Fatigue strength	N.P.D.	EN 1090-1:2009+A1:2011
Reaction fire	Class A1 (steel only) EN 13501-1	EN 1090-1:2009+A1:2011
Resistance to fire	N.P.D.	EN 1090-1:2009+A1:2011
Release of cadmium and its compounds	N.P.D.	EN 1090-1:2009+A1:2011
Release of radio activity	N.P.D.	EN 1090-1:2009+A1:2011
Durability	S320 GD Z275 or Z100 EN 10346	EN 1090-1:2009+A1:2011
Design	N.P.D.	EN 1090-1:2009+A1:2011
Fabrication	IKB 11-01 and EN 1090-2	EN 1090-1:2009+A1:2011
Execution class	EXC2	EN 1090-1:2009+A1:2011

LEWIS Dovetailed sheeting, dimensions in mm



Material properties according to EN 10346 and EN 10143

	Nominal dimension [mm]	Tolerance [mm]
Trade lengths	1220	± 3
	1530	± 4
	1830	± 4
	2000	± 4
Length range	500 - 6000	± 0,15%
Nominal width	630	± 6
Effective width	580	-
End flange width	27,5 / 30,5	± 3
Profile width:		
- Topside	38	+4 / -1
- Underside	34	+2 / -1
Profile height	16	-0 / +2
Steel thickness	0,5	± 0,05
Zinc layer (2 sides) (in µm per side)	100g/mm ² - 275g/mm ² 7,0 µm - 19,5 µm	Min. Min.
Inner radius top/bottom	3	± 2

Dimensions and tolerances according to DIN 18807

Herewith we declare: REPPEL b.v. Bouwspecialiteiten
Postbus 102
3300 AC Dordrecht
The Netherlands

that according to EN 1090 annex ZA in accordance to the EU Construction product regulation 305/2011/EC the LEWIS Dovetailed sheeting used as shuttering and reinforcement of thin lightweight concrete floors on wooden joints, light steel beams or other kind of support structures meet the above mentioned geometry and tolerances.

Notified body
KIWA Nederland B.V. Rijswijk, The Netherlands
(identification number 0620)

Version date 09-05-2014

Signed:
REPPEL b.v. Bouwspecialiteiten

Mr. R. van der Klis, CEO