

SDG

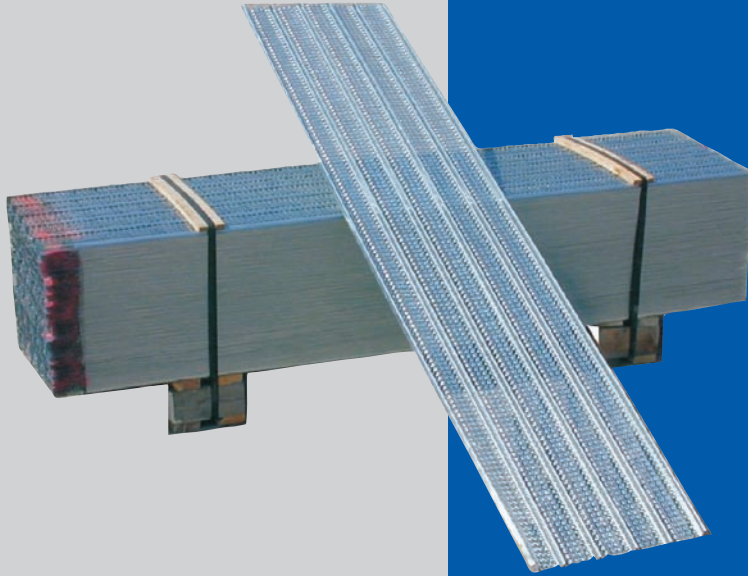
—
STRONGER
TOGETHER
—

CONSTRUCTION ACCESSORIES

HY-RIB EXPANDED METAL DATASHEET

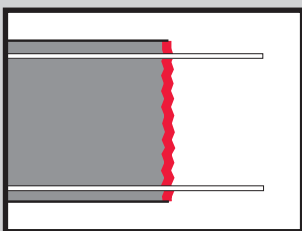
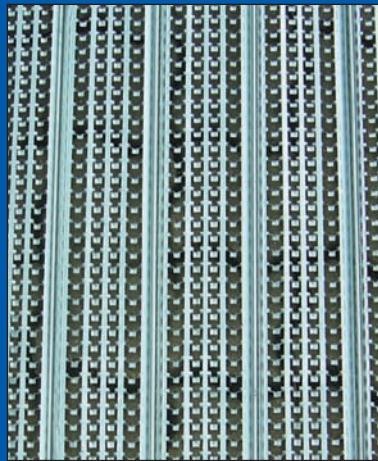
ESSENTIAL COMPONENTS FOR EVERY STAGE OF CONSTRUCTION

recostal® Expanded Metal



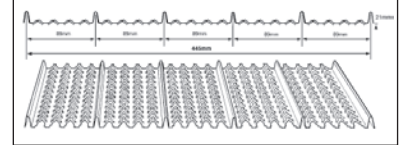
strong lengthwise ✓
shapeable crosswise ✓

recostal-Expanded Metal was specifically developed for concrete and reinforced concrete constructions. Bearing capacity and surface structure are perfectly suited to these applications. Strong 21 mm high ribs run lengthwise across the sheet.



Technical Details

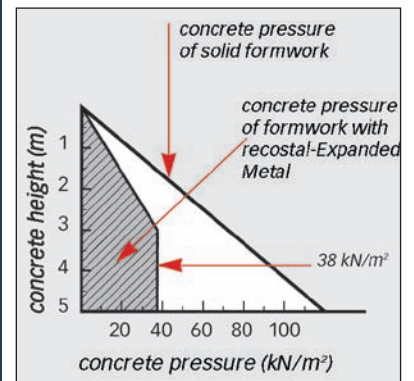
Dimensions



Rib height 21 mm

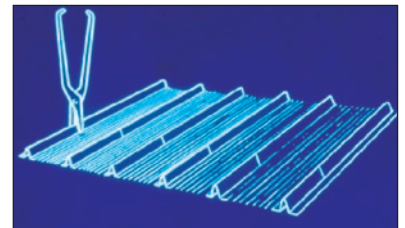
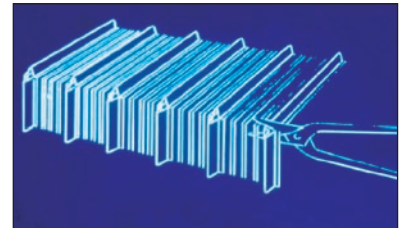
Reduced concrete pressure

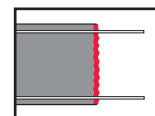
Experiments have proven that the pressure of fresh concrete is considerably lower compared to solid formwork and only rises to a maximum of 38 kN/sq.m. This value remains constant for concrete heights exceeding 3.0 m.



Easy installation

The ribs of the expanded metal sheets are cut and then easily trimmed by hand.

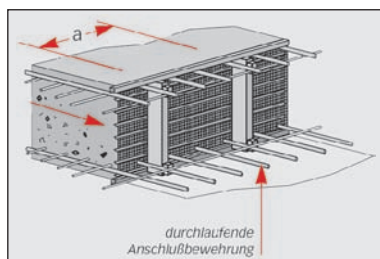




Expanded metal

Joint category
"rough" according to Eurocode 2

Reinforcement distances



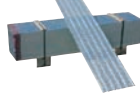
Concrete height	Type 2811	Type 2911
0.25 m	0.70 m	0.50 m
0.50 m	0.60 m	0.45 m
1.00 m	0.50 m	0.40 m
1.50 m	0.40 m	0.30 m
2.00 m	0.35 m	0.25 m
2.50 m	0.25 m	0.20 m
3.00 m	0.20 m	0.15 m

Rule of thumb

The distances for support props are the same as for timber formwork (21 mm). This recommendation applies to recostal-Expanded Metal type 2811. For type 2911 the given numbers are to be reduced by 25%.

The values given are recommendations on the basis of a 3-field-system.

Range of sheets



Type	Item No.	Thickness	Size	Units
2811/2	19111000	0.4 mm	44.5 x 200 cm	1 pal. = 100 sheets
2911/2	19151000	0.3 mm	44.5 x 200 cm	= 89 sq.m.

Range of strips

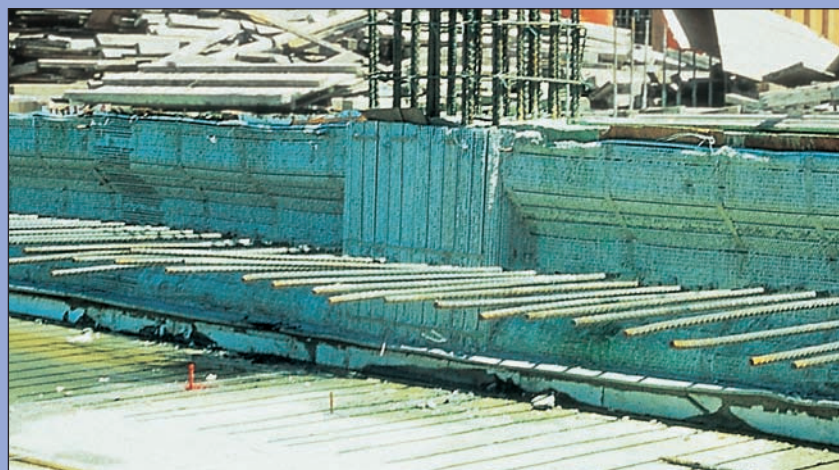
Type	Strip width B (cm)	
2811		The widths of recostal-Expanded Metal Strips are cut to size from sheets according to requirement. Strip length: 2.00 m
2911		

Specifications

_____ sq.m. of recostal-Expanded Metal for shuttering construction joints in base slabs/foor slabs/walls to be supplied and installed.

Construction thickness: d = _____ to _____ cm

Manufacturer: contec Bausysteme GmbH



The logo for SDG, consisting of the letters 'SDG' in a bold, sans-serif font. The 'S' and 'D' are connected, and the 'G' is separate. The logo is white and centered on a dark teal background.

SDG

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