

**DE-COILED PRODUCTS –  
PRODUCT OVERVIEW FOR CERTIFICATE**

Certificate owner: Thomas betonbauteile Melsdorf GmbH Co.KG  
Am Ihlberg 22/24  
24109 Melsdorf  
Germany

Manufacturing plant(s): Thomas betonbauteile Melsdorf GmbH Co.KG  
Am Ihlberg 22/24  
24109 Melsdorf  
Germany

Certificate no.: 7816-2

Certificate issued: 2022-10-17  
Product overview updated: 2024-04-15

**For products covered by the above-mentioned certificate, the following product classification is declared:**

De coiled products from roller straightening machine DS/EN 10080-D-Class B with the following properties for reinforcement:		
<ul style="list-style-type: none"> <li>8, 10, 12, 14 mm: Class B: DS/EN 1992-1-1 + AC:2008</li> <li>8, 10 and 12 mm Class C: DS/EN 1992-1-1 + AC:2008</li> </ul>		
Class:	B500C	B500B
Characteristic yield strength $f_{yk}$ or $f_{0,2}$ (MPa):	500	
Minimum value of $k = (f_t/f_y)_k$ :	$\geq 1,15$ $< 1,35$	$\geq 1,08$
Characteristic strain at maximum force, $\epsilon_{uk}$ (%):	$\geq 7,5$	$\geq 5,0$
Bendability:	Passed re-bend test	
Maximum deviation from the nominal mass per metre (%):	8 mm: $\pm 6,0$ 10, 12 mm: $\pm 4,5$	8 mm: $\pm 6,0$ 10, 12, 14 mm: $\pm 4,5$
Bound: Minimum relative rib area, $f_{R,min}$ :	8, 10, 12 mm: 0,040	8, 10, 12 mm: 0,040 14 mm: 0,056

Date: 15-04-2024Signature: : David Bangsrud