
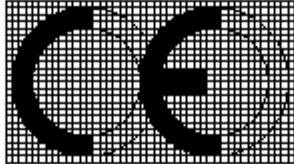



# CE-KONFORMITÄT



		<p>Notified body #1390 ITT-Report 1390-OPD-0461-10/Z 29.08.2010</p>
<p>R. Kohlhauer GmbH Draisstr. 2 76671 Gaggenau Germany</p>	<p>Phone: +49-(0)-7225/9757-0 Fax: +49-(0)-7225/9757-26 info@kohlhauer.com www.kohlhauer.com</p>	<p><b>KOHLHAUER PLANTA</b> BASIC</p>
<p>Designed by R.Kohlhauer GmbH Product produced in Germany</p>		
<p>2010</p>		
<p>EN 14388:2005</p>		
<p>Noise barrier for reducing traffic and all other noise, acoustio absorbent and reflective, for plantable and standalone use.</p>		
<p>Acoustio element type:</p>	<p>Kohlhauer PLANTA® BASIC</p>	
<p>Standard size L x H x T:</p>	<p>3,96 x 1,00 x 0,145 ... 0,122 m</p>	
<p>Steel grid:</p>	<p>Ø 8 / 200 x Ø 8 / 144 mm</p>	
<p>Post type:</p>	<p>HE-A/-B/-M, (U-) 180/180/200</p>	
<p>Dry weight:</p>	<p>1,15 kN</p>	
<p>Reduced wet weight:</p>	<p>2,93 kN</p>	
<p>Resistance to loads:</p>		
<p>Maximal vertical load:</p>	<p>5,20 kN/m</p>	
<p>Normal (90°) Load (due to wind and statio):</p>	<p>2,10 kN/m²</p>	
<p>Normal (90°) Load (due to wind, statio external and self weight):</p>		
<p>Barrier Height 2x1 m = 2 m</p>	<p>2,10 kN/m²</p>	
<p>Barrier Height 4x1 m = 4 m</p>	<p>2,10 kN/m²</p>	
<p>Barrier Height 6x1 m = 6 m</p>	<p>1,90 kN/m²</p>	
<p>Bending Moment at ground level</p>		
<p>(due to Snow Clearance)</p>	<p>4,80 kNm</p>	
<p>Normal (90°) Load (due to snow clearance)</p>	<p>13,4 kN/(2x2 m)</p>	
<p>Sound Absorption:</p>	<p>DL<sub>a</sub> = 9 dB</p>	
<p>Airborne Sound Insulation:</p>	<p>DL<sub>R</sub> = 28 dB</p>	
<p>Durability:</p>	<p>NDP</p>	
<p>Estimated Service Life, Acoustics</p>	<p>15 years</p>	
<p>Estimated Service Life, Structure</p>	<p>30 years</p>	

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<p>Designed by R.Kohlhauer GmbH Product produced in Germany</p>		
<p>2010</p>		
<p>EN 14388:2005</p>		
<p>Noise barrier for reducing traffic and all other noise, acoustio absorbent and reflective, for plantable and standalone use.</p>		
<p>Acoustio element type:</p>	<p>Kohlhauer PLANTA® BASIC</p>	
<p>Standard size L x H x T:</p>	<p>3,96 x 1,00 x 0,145 ... 0,122 m</p>	
<p>Steel grid:</p>	<p>Ø 8 / 200 x Ø 8 / 144 mm</p>	
<p>Post type:</p>	<p>HE-A/-B/-M, (U-) 160/180/200</p>	
<p>Dry weight:</p>	<p>1,16 kN</p>	
<p>Reduced wet weight:</p>	<p>2,93 kN</p>	
<p>Resistance to loads:</p>		
<p>Maximal vertical load:</p>	<p>5,20 kN/m</p>	
<p>Normal (90°) Load (due to wind and statio):</p>	<p>2,10 kN/m²</p>	
<p>Normal (90°) Load (due to wind,</p>		
<p>statio external and self weight):</p>		
<p>Barrier Height 2x1 m = 2 m</p>	<p>2,10 kN/m²</p>	
<p>Barrier Height 4x1 m = 4 m</p>	<p>2,10 kN/m²</p>	
<p>Barrier Height 6x1 m = 6 m</p>	<p>1,90 kN/m²</p>	
<p>Bending Moment at ground level</p>		
<p>(due to Snow Clearance)</p>	<p>4,80 kNm</p>	
<p>Normal (90°) Load (due to snow clearance)</p>	<p>13,4 kN/(2x2 m)</p>	
<p>Sound Absorption:</p>	<p>DL<sub>a</sub> =</p>	<p>12 dB</p>
<p>Airborne Sound Insulation:</p>	<p>DL<sub>p</sub> =</p>	<p>27 dB</p>
<p>Durability:</p>	<p>NDP</p>	
<p>Estimated Service Life, Acoustics</p>	<p>15 years</p>	
<p>Estimated Service Life, Structure</p>	<p>30 years</p>	

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<p>Designed by R.Kohlhauer GmbH Product produced in Germany</p>		
<p>2010</p>		
<p>EN 14388:2005</p>		
<p>Noise barrier for reducing traffic and all other noise, acoustic absorbent and reflective, for plantable and standalone use.</p>		
<p>Acoustic element type:</p>	<p>Kohlhauer PLANTA® BASIC</p>	
<p>Standard size L x H x T:</p>	<p>3,96 x 1,00 x 0,145 ... 0,122 m</p>	
<p>Steel grid:</p>	<p>Ø 8 / 200 x Ø 8 / 144 mm</p>	
<p>Post type:</p>	<p>HE-A/-B/-M, (U-) 160/180/200</p>	
<p>Dry weight:</p>	<p>1,16 kN</p>	
<p>Reduced wet weight:</p>	<p>2,93 kN</p>	
<p>Resistance to loads:</p>		
<p>Maximal vertical load:</p>	<p>5,20 kN/m</p>	
<p>Normal (90°) Load (due to wind and static):</p>	<p>2,10 kN/m²</p>	
<p>Normal (90°) Load (due to wind,</p>	<p>static external and self weight):</p>	
<p>Barrier Height 2x1 m = 2 m</p>	<p>2,10 kN/m²</p>	
<p>Barrier Height 4x1 m = 4 m</p>	<p>2,10 kN/m²</p>	
<p>Barrier Height 6x1 m = 6 m</p>	<p>1,90 kN/m²</p>	
<p>Bending Moment at ground level</p>		
<p>(due to Snow Clearance)</p>	<p>4,80 kNm</p>	
<p>Normal (90°) Load (due to snow clearance)</p>	<p>13,4 kN/(2x2 m)</p>	
<p>Sound Absorption:</p>	<p>DL<sub>a</sub> =</p>	<p>13 dB</p>
<p>Airborne Sound Insulation:</p>	<p>DL<sub>R</sub> =</p>	<p>29 dB</p>
<p>Durability:</p>	<p>NDP</p>	
<p>Estimated Service Life, Acoustics</p>	<p>15 years</p>	
<p>Estimated Service Life, Structure</p>	<p>30 years</p>	