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PORTLAND LIMESTONE CEMENT - WHITE CEM II/A-LL 42,5 R - (EN 197-1)

CRH White I Excellence in white

<u>Control Period</u>	July- September 2015		
<u>Fineness</u>			
Specific surface	cm ² /g	4570	
Residue on 0.045 mm sieve	%	3.73	
<u>Soundness (Expansion/ Le Chat)</u>	mm	1.18	≤ 10 mm
<u>Water demand</u>	%	29.99	
<u>Setting time</u>			
Initial	Min.	127	> 60 Min.
Final	Min.	165	
<u>Compressive strenght</u>			
at 2 days	N/mm ²	34.0	≥ 20.0 N/mm ²
at 28 days	N/mm ²	59.0	≥ 42.5 N/mm ² ≤ 62.5 N/mm ²
<u>Chemical specifications</u>			
Cl ⁻	%	< 0.1	≤ 0.1 %
Na ₂ O- equivalent	%	< 0.60	
SO ₃	%	2.77	≤ 4.0 %
Whiteness Ry:	%	84.90	
Specific gravity (ca.):	kg/ dm ³	3.10	
Bulk density (ca.):	kg/ dm ³	1.05	

Rohožník (SK), November 11th, 2015

signature Quality manager

