

TECHNICAL FORM  
from 01/01/2023 to 04/07/2023

## NHL 2

**Plant:**

SOCLI  
65 370 IZAOURT

**Designation:**

White Natural Hydraulic Lime

**Composition:**

White Natural Hydraulic Lime NHL 2

**Specifications:**

NF EN 459-1

<b><u>Physical Properties</u></b>	<i>Unities</i>	<i>Medium characteristics</i>	<i>Norm</i>	
			<i>Mini</i>	<i>Maxi</i>
Whiteness	<i>Y</i>	70	<b>69</b>	<b>73</b>
Fineness à 90µ	%	3,3	-	<b>15</b>
Fineness à 200µ	%	0,5	-	<b>2</b>
Expansion (soundness)	<i>mm</i>	0,0	-	<b>2</b>
Bulk Density	<i>kg / dm<sup>3</sup></i>	0,60	-	-
Real Density	<i>g / cm<sup>3</sup></i>	2,60	-	-
Blaine Value	<i>cm<sup>2</sup> / g</i>	12824	-	-
Free Water	%	0,68	-	<b>2</b>
<b><u>Mechanical Properties</u></b>				
Setting times	<i>mn</i>	774	<b>60</b>	-
End of taking	<i>mn</i>	1378	-	<b>1800</b>
Compressive test to 28 days	<i>MPa</i>	<b>5,75</b>	<b>2</b>	<b>7</b>
<b><u>Chemical Properties</u></b>				
SO <sub>3</sub>	%	1,6	-	<b>3</b>
Free Lime	%	<b>42,2</b>	<b>35</b>	-