

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

## NHL 3,5

<b><u>Plant:</u></b>	SOCLI 65 370 IZAOURT
<b><u>Designation:</u></b>	Natural Hydraulic Lime
<b><u>Composition:</u></b>	Natural Hydraulic Lime NHL 3,5
<b><u>Specifications:</u></b>	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>
Fineness à 90µ	%	4,6	-	<b>15</b>
Fineness à 200µ	%	1,0	-	<b>2</b>
Expansion (soundness)	mm	0,2	-	<b>2</b>
Bulk Density	kg / dm <sup>3</sup>	0,769	-	-
Real Density	g / cm <sup>3</sup>	2,75	-	-
Blaine Value	cm <sup>2</sup> / g	8280	-	-
Free Water	%	0,42	-	<b>2</b>
<b><u>Mechanical Properties</u></b>				
Setting times	mn	259	<b>60</b>	-
End of taking	mn	398	-	<b>1800</b>
Compressive test to 28 days	MPa	<b>5,33</b>	<b>3,5</b>	<b>10</b>
<b><u>Chemical Properties</u></b>				
SO <sub>3</sub>	%	1,38	-	<b>2</b>
Free Lime	%	<b>27,2</b>	<b>25</b>	-