

TRADI 100® - PURE NHL5



PURE NHL 5 - TRADI 100®

SAINT ASTIER LIME TRADI 100® IS A 100% PURE AND NATURAL LIME CONTAINING NO ADDITIVES.

IT PROVIDES EXCELLENT PERFORMANCE AND QUALITIES OF PLASTICITY, PERMEABILITY, WORKABILITY AND BREATHABILITY...

ITS PURITY GUARANTEES ITS CONSISTENCY AND ITS HIGH COMPRESSIVE STRENGTH ALLOWS MULTIPLE USES WITHOUT THE ADDITION OF CEMENT.



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**EN
449-1**

**NHL
5**

**25
KG**



Shelf life and Guarantee

12 months from production date if kept sealed in original container and stored in dry conditions at temperatures above 8°C. Manufacturer civil Responsibility.

Suitable backgrounds

Lightweight blocks, brick and stone. TRADI 100® is not recommended for clay substrates. For loose or friable substrate, it may be necessary to consolidate with a hydraulic Limewash or a bonding agent.

Working Temperature

Not below 8°C or above 30°C. Ensure high suction substrates are thoroughly dampened before application. Avoid rapid drying due to high temperatures and strong winds by covering and curing with a light water mist as necessary.

Mixing

Can be mixed in a cement mixer or using a whisk. Maintain slow revolutions (about 450-700 rpm) to prevent adding too much air that could change the properties of the mix. Mixing time must be at least 5 minutes until you obtain a uniform consistency with no lumps. Avoid manual mixing as it does not guarantee an optimum mix. Once the mix is ready it should be left to stand for approx. 5 minutes before use to allow proper development of the binder.

General Characteristics

- ✓ Initial Setting time: 2 to 3 hours
 - ✓ Compressive Strength 7 Days: 4 MPa = 40 Kg/cm² (av.)
 - ✓ Compressive Strength 28 Days: 9 MPa = 70 Kg/cm² (av.)
 - ✓ Density (Volumetric weight) typical: 700 gr./ Litre (av.)
 - ✓ Available (free) lime after slaking Ca (OH)₂: > 20%.
 - ✓ Whiteness Index: 67 (av.)
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- ✓ **Recommendation:** If in doubt, always try on a small test area.
 - ✓ **Health and Safety:** Refer to the indication of MSD



Declaration of Performance (DoP):

| Essential Specification | Performance | Harmonised Technical Specifications |
|------------------------------|------------------|-------------------------------------|
| Natural Hydraulic Lime | NHL 5 | EN 459-1:2011 |
| Reaction to Fire | Class A1 | |
| Compressive strength 7 days | ≥ 2 | |
| Compressive strength 28 days | from 5 to 15 MPa | |
| SO ₃ | ≥ 2% | |
| Free lime | ≥ 15% | |
| Stability | ≤ 2mm | |
| Setting time | 2 to 3 hours | |
| Particle size 90 µm | ≤ 15% | |
| Particle size 200µm | ≤ 2% | |

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| CE |
| 0333 |
| CHAUX ET ENDUITS DE SAINT-ASTIER La Jarthe 24110 SAINT-ASTIER 14 N°-DOP-NHL 5 A-004 |
| EN 459-1 Natural Hydraulic Lime EN 459-1 NHL 5 Applications or materials for construction, building and civil engineering The performances which are declared by level or by class are defined through the designation of the construction lime |