



# TECHNICAL DATA SHEET

## W-1200

### PLASTER MORTAR

#### DESCRIPTION:

White cement-based, reinforced with fiber and chemical additives, resistant to water & moisture, 1st layer hand plaster for interiors & exteriors

#### APPLICATION AREAS:

Applied by hand as first layer plaster as horizontal and vertical at indoors and outdoors on brick, gas concrete, pumice, concrete walls and ceilings where application thinner than 1,5 cm is adequate.

#### ADVANTAGES:

- \* W-1200 plaster provides labor and time advantage, by it's easy preparation and application features.
- \* Provides high adhesion and durability.
- \* Provides less consumption at unit area by it's special formula.
- \* Prevents formation of shrinkage cracks due to it's fiber reinforcement.
- \* Provides resistance to water & moisture due to it's water repellent feature.
- \* Provides a sound and straight surface for upper applications.
- \* If desired, it provides a decorative, grained and sound surface before paint by smoothing surface with finishing trowel application.

#### SURFACE PREPARATION:

Application surfaces should be clean, sound and free from dust. Adhesion barrier materials (oil, dirt, dust etc.) should be cleaned from the surface, cement-mortar residues should be scraped. Gaps and cracks on surface should be repaired with RP-1200 or RP-800 repair mortars at least 1 day before the application. If needed, surface should be cleaned with water. PRIMER-ST primer should be used at least 1 hour before the application to reduce water absorption of the surface in very hot & windy weather. Smooth surfaces should be notched. PRIMER-PL should be used at least 1 day before the application to ensure high adhesion strength and to reduce water absorption on the smooth surfaces such as concrete. If plaster levelling bars will be used, they should be fixed to wall minimum 1 day before the application in accordance with the application thickness.

#### PRODUCT PREPARATION:

35 kg W-1200 plaster is added on 7,25 - 8,25 liters of clean water by sprinkling. Blended by a low speed mixer or by a trowel to ensure that there are no lumps in it. Mortar is rested for 5 minutes to mature and mixed again before the application.

#### APPLICATION METHODS:

- \* W-1200 mortar is applied to entire surface uniformly with a max. thickness of 1,5 cm by a steel trowel.
- \* After the application, fresh mortar surface is smoothed by a template.
- \* In case application thickness exceeds 1,5 cm, 2nd layer application should be done after 1 day from 1st layer.
- \* If desired, a decorative and grained surface can be obtained before painting, there will be no need for an upper plaster application. When plaster surface starts getting dry, it is corrected with water and finishing trowel. When plaster surface starts getting dry after the correction application, it is smoothed by using a damp sponge trowel.
- \* If a finishing plaster application will be done on W-1200, 1st layer surface should not be corrected and smoothed.
- \* After drying time is completed, the surface becomes ready for the other applications on it.
- \* Ambient and surface temperature should be between +5°C and +30°C during the application.
- \* Any additional material (such as lime, cement, gypsum etc.) should not be added in the prepared mortar.
- \* Mortar should not be applied on unsound and loose surfaces.
- \* Surface should be protected from airflows and sudden temperature changes during and after the application.
- \* Mortar should not be applied on frozen, melting or within 24 hours danger of frost surfaces.
- \* Hardened mortar should not be used by adding water and mix again.
- \* For high efficiency, plaster corner profiles should be used at corners.
- \* For high efficiency, plaster mesh should be used at joints of different materials and moving points.
- \* RECOMMENDATIONS: W-100 finishing plaster, W-DECO decorative plaster, W-DECO/L linear textured decorative plaster, thermal insulation systems, proper paint applications with paint primer or coating material (tile, etc.) applications with NUR tile adhesives can be applied on W-1200.

#### SHELF LIFE:

Unopened original packages can be stored in dry (%60 R.H.) and cool (between +5°C and +25°C) environments for up to 12 months.

#### APPLICATION LIMITS:

Maturation Time: 5 min.  
Workability Time: 40 min.  
Drying Time: minimum 2 days

#### UNIT CONSUMPTION:

3 m<sup>2</sup> / 35 kg package (Application thickness: 1 cm)



System 4

NUR KİREÇ SAN. TİC. VE PAZ. LTD. ŞTİ.  
Güzel Cumhuriyet Mah. Çimento Bulv. No:23 PK: 01965  
Yüreğir/Adana/Türkiye  
"NUR YAPI KİMYASALLARI"  
17

TS EN 998-1 / 02.2017

GP

Interior and Exterior Plaster For General Purpose

Reaction To Fire	A1 Sınıfı
Dry Bulk Density	1450 ± 250 g/L
Compressive Strength	CS III (3,5 - 7,5 N/mm <sup>2</sup> )
Adhesion Strength	> 0,2 N/mm <sup>2</sup>
Capillary Water Absorption	W0
Water Vapor Permeability	μ ≤ 15
Thermal Conductivity Coefficient	≤ 0,75 W/mK (P=%50)

PERFORMANCE DECLARATION NO

998-1 / PB-01.003



GHS05



GHS07

H315: It causes skin irritation.

H318: It causes serious eye damage.

H335: It may cause respiratory irritation.

P280: Wear protective gloves/protective cloths/eye protection /face protection.

P305 In case of contact with eyes, rinse carefully with water  
P351 a few minutes. If available and easy, remove contact  
P338: lenses. Continue rinsing.

