



TECHNICAL DATA SHEET

RP-1200

THICK REPAIR MORTAR

DESCRIPTION:

Grey cement-based, reinforced with fiber & chemical additives, resistant to water and moisture, non structural, coarse repair mortar for indoors and outdoors with improved adhesion and compressive strength.

APPLICATION AREAS:

Applied by hand for unstructured renovation or repair of concretes, shearwalls, ferroconcretes, breast walls, cement based plasters & screeds, bricks, pumices, etc. as horizontal and vertical at indoors and outdoors.

ADVANTAGES:

- * RP-1200 coarse repair mortar provides labor and time advantage, by it's easy preparation and application features.
- * Provides high adhesion and durability.
- * Prevents crack formation with it's fiber and chemical additives.
- * Provides less consumption at unit area by it's special formula.
- * Provides resistance to water and moisture with it's silicone additive.
- * Provides repairing of surfaces until 40 mm depth at one layer.

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. 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 hot and windy weather. If there is exposed steel reinforcement in the area to be repaired, RP-AC anti-corrosion mortar should be applied before application.

PRODUCT PREPARATION:

25 kg RP-1200 coarse repair mortar is added on 5,5-6,5 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:

- * RP-1200 mortar is filled into the cracked area at a maximum depth of 40 mm with a trowel by applying pressure.
- * If the crack is deeper than 40 mm, 2nd layer application should be done 1 day after 1st layer application.
- * After the crack is fully filled with mortar, the application surface is smoothed by using trowel.
- * If application area is wide and deep, glass-fiber mesh should be used to prevent formation of cracks on the surface. Mesh is placed by stretching while mortar surface is still fresh. Mesh should be embedded on plaster as gently pressing by a trowel.
- * If needed, surface is smoothed with water by using finishing trowel when mortar surface starts getting dry.
- * 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 to 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.

SHELF LIFE:

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

APPLICATION LIMITS:

Maturation Time: 5 min.
Workability Time: 40 min.
Drying Time: minimum 1 days

UNIT CONSUMPTION:

0,4 m² / 25 kg package (Application thickness: 40 mm)



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"NUR YAPI KİMYASALLARI"
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TS EN 1504-3 / 04.2008

**R2 Class Cement Based Non-Structural Repair Mortar
For Unreinforced Concrete Repair**

Reaction To Fire	A1 Sınıfı
Dry Bulk Density	1500 ± 100 g/L
Compressive Strength	≥ 15 N/mm ²
Bending Strength	≥ 0,5 N/mm ²
Restricted Shrinkage-Expansion	≥ 0,5 N/mm ²
Dangerous Substances	In Accordance With Article 5.4

PERFORMANCE DECLARATION NO 1504-3 / PB-05.001
PDDD SYSTEM SİSTEM 2+



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.

