



# TECHNICAL DATA SHEET

## ADD-LATEX

### SBR BASED LATEX MORTAR ADDITIVE

#### DESCRIPTION:

Synthetic rubber (SBR) based liquid concrete and mortar additive to improve adherence, flexibility, impermeability, workability, chemical resistance

#### APPLICATION AREAS:

Used to improve adherence, flexibility, impermeability, workability features of plaster, screed, repair mortar, concrete and C1 class tile adhesives which are readymixed or prepared by mixing cement and aggregate. Also used as primer to provide a dustness and non-slipping surface on industrial floors and under floor coverings. Used as primer between old and new concrete surfaces to improve adherence.

#### ADVANTAGES:

- \* Improves adhesion strength of cementitious mortars.
- \* Provides flexibility feature to cementitious mortars, prevents crack and shrinkage formation.
- \* Provides high water impermeability feature to cementitious mortars.
- \* Provides high water impermeability feature to concrete, so prevents reinforcement corrosion.
- \* Decrease mortar deformation after freeze-thaw.
- \* Increase chemical resistance in cementitious mortars.
- \* Water based, solvent free.

#### SURFACE PREPARATION:

Application surface should be clean, sound and free from dust. Adhesion barrier materials (oil, dirt, dust, etc.) should be cleaned, cement-mortar residues should be scraped. Smooth surfaces should be notched. The required surface preparation steps should be done in accordance with the mortar to be used with ADD-LATEX.

#### APPLICATION METHODS:

- \* Application as Concrete Additive:  
3-9 kg ADD-LATEX can be added for each 1 m<sup>3</sup> concrete.
- \* Application as Mortar Additive:  
A mixing solution is prepared by mixing ADD-LATEX with clean water at a ratio between 1:3 to 1:4. Prepared mixing solution is mixed with cement/aggregate mixture with a ratio of 1:3 - 1:4 (or with readymix cementitious products) by a low speed mixer and applied. It should not be used with C2 class cementitious tile adhesive mortars.
- \* Application as Primer:  
A mixing solution is prepared by mixing ADD-LATEX with clean water at a ratio 1:1. Prepared mixing solution is added to cement/aggregate mixture with a ratio of 1:1. It is blended by a low speed mixer to get a consistent primer mortar. Mortar is applied by brush on old concrete surface which has been prepared beforehand. Before primer mortar gets dry, new concrete or screed application should be done.
- \* The dosage amount should be determined by trial, taking into account that it may extend the setting time of the mortar.
- \* Ambient and surface temperature should be between +5°C and +30°C during the application.
- \* Surface should be protected from direct sunlight, extreme wind and rain during and after the application.
- \* Mortar should not be applied on frozen, melting or within 24 hours danger of frost surfaces.
- \* Ensure that the products used in application (aggregate, cement, readymix mortars, etc.) are suitable and non-expired.
- \* Do not use the products which is non-homogenized when mixed, with a dry film layer on the surface or expired.
- \* Hardened-set mortar should not be used by adding ADD-LATEX or water and mixing again.
- \* It should not be applied on unsound, loose and problematic surfaces.

#### SHELF LIFE:

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



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Yüreğir/Adana/Türkiye

“NUR YAPI KİMYASALLARI”

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TS EN 1504-2 / 03.2005

Additive to Increase Strength by Limiting Moisture Content

Principle

2.2 (C) , 8.2 (C)

Reaction To Fire

E

Adhesion Strength By Pull-Off

≥ 0,8 N/mm<sup>2</sup>

Horizontal-Flexible-Non traffic load

Capillary Water Abs. And Water Perm.

≤ 0,1 kg/m<sup>2</sup>.h<sup>0.5</sup>

Water Vapor Permeability

Class 2 : 5m ≤ SD ≤ 50m

PERFORMANCE DECLARATION NO

1504-2 / PB-08.001

PDOD SYSTEM

SYSTEM 2+



GHS07

H335: It may cause respiratory irritation.

P305+ In case of contact with eyes, rinse carefully with water

P351+ a few minutes. If available and easy, remove contact lenses.

P338 : Continue rinsing.

