



Waterproofing Engineering Technologies

This Spec Data sheet conforms to the editorial style prescribed by the Construction Specifications Institute. Manufacturer is responsible for technical accuracy.

3120 ADMIXTURE

ADMIXTURE 3120 is a waterborne copolymer latex additive for all cement based mortar, synthetic stucco and patching materials. Increases strength and flexibility.

2. Manufacturer

Waterproofing Engineering Technologies
513 South Commerce Street
Sheboygan, Wisconsin 53081

3. Product Description

ADMIXTURE 3120 is a non-flammable, non-toxic, ready to use modified latex additive specifically formulated to increase the strength and flexibility of virtually any cementitious mix, including Portland, plastic and masonry cement mortars and patching materials. Ideal for stucco and cement plaster.

TYPICAL USES:

- Patching mixes for cracks, divots and spalled areas
- Traditional stucco and plaster
- Super Plaster
- Matrix for thinset tile and face brick
- Mortar mixes for concrete block and brick
- Grout mixes for tile joints and brick tuckpointing

ADVANTAGES:

- Increases compressive, bond and flexural strength
- Improves workability of mortar and patching materials
- Ready to use – no water or other additives required
- Minimizes shrinkage cracking
- Minimizes peeling of patching materials
- Crumbling and dusting are virtually eliminated
- Greater consistency in design strengths

LIMITATIONS:

- Retempering of Portland or plastic cement mixtures should be kept to a minimum, as the design strength may be compromised due to the interruption of the hydration process.

- Do not mix more material than can be used within the specified design time
- Add only minimal amounts of either ADMIXTURE 3120 or clean water to the prepared mix for retempering
- Keep the liquid and the freshly applied plaster, stucco, mortar or patching material from freezing

COMPOSITION:

ADMIXTURE 3120 is formulated from non-toxic, waterborne polymers which are neither flammable or explosive and do not emit any harmful fumes.

SIZES:

5 Gallon Plastic Pails

55 Gallon Steel or Plastic Drums

4 Gallons per Case

4. TECHNICAL DATA

Physical Properties

Appearance	White, milky liquid
Odor	Slight
Solids by Volume	2.94 %
Weight per Gallon	8.5 Lbs.
Specific Gravity	1.0167
Boiling Point	212 F
Toxicity	None
Flash Point	None
Solubility	Emulsion
Corrosion Resistance	Good

5. INSTALLATION

Preparatory Work:

Clean the surfaces thoroughly, removing all grease, oil, dust, etc. which could inhibit the adhesion of the stucco plaster or patching material. Slick surfaces such as hard troweled concrete should first be lightly etched with E-4-Clean 3700 or other mild acid solution to provide a minimum two (2) mil profile to the concrete surface. Etching materials should be neutralized and thoroughly rinsed.

Method of Application:

1. Thoroughly dampen the substrate to prevent excessive moisture draw from the material. Do not allow water to puddle; mop up or spread water evenly over the surface.
2. Use only the amount of ADMIXTURE 3120 liquid required to provide a workable consistency for the work at hand. Mix thoroughly with the dry blended patching, mortar or stucco mixture and place as quickly as possible. Do not mix more material than can be used during the initial set time.
3. The mixture may be retempered during the initial set period by the addition of small amounts of ADMIX or clean, fresh water.
4. Apply the cementitious mixture to the substrate and press firmly into place. Finish as desired with steel trowel, sponge or brush. Do not overwork the material, as excessive tooling may cause separation.
5. Tools and equipment can be cleaned with soapy water while the material is still fresh, or with E-4-Clean 3700 or other mild acid after the material has cured.
6. Store any unused portions of ADMIXTURE 3120 in tightly sealed containers. Keep form freezing and keep out of reach of children.

Precautions

Do not apply cement based materials on frost covered or frozen surfaces, or when ambient temperatures are expected to drop below 40 F within 24 hours

Do not apply in hot sun or on heated surfaces unless first cooling with clean water

Keep tools wiped clean with water to prevent build-up of materials which are extremely difficult to remove once they have been allowed to dry

Avoid prolonged contact of any cement based materials with the skin. Avoid contact of the Admixture with eyes. If contact with eyes does occur, flush thoroughly and promptly seek medical attention.

6. AVAILABILITY

ADMIXTURE 3120 is available through local distributors and dealers, or may be ordered directly from the manufacturer if a supplier is not available in your area.

7. GUARANTEE

The information and data contained herein are believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since Waterproofing Engineering Technologies cannot know all of the uses to which its products may be put, or the conditions of use, it makes no warranty concerning the fitness or suitability of its products for any particular purpose.

The user should thoroughly test any proposed use of our products and independently conclude satisfactory performance for the given application. Likewise, if the manner in which our products are used requires agency or government approval, user must obtain it.

Waterproofing Engineering Technologies warrants only that its products will meet its current specifications. There is no warrant of merchantability of fitness for use, nor any other expressed or implied warranties. The user's exclusive remedy and the sole liability of Waterproofing Engineering Technologies is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted. Waterproofing Engineering Technologies will not be liable for consequential or incidental damages of any kind.

Suggestions of previous users should not be taken as inducements to infringe on any patents.

8. TECHNICAL SERVICES

Waterproofing Engineering Technologies maintains a staff of technical consultants, available to assist with any application. Our research and Development Engineering Department is continually working to improve existing products and methods as well as developing new products.

9. FILING SYSTEMS

Waterproofing Engineering Technologies
513 South Commerce Street
Sheboygan, Wisconsin 53081

"ADMIXTURE 3120" and "WET" are trademarks of Waterproofing Engineering Technologies. Copyright 1989. All rights reserved. Printed in U.S.A.