

Plas-*Tex* Ready To Use

Acrylic Bonding Agent &
Repair Mortar

Product Description:

Plas-*Tex* Ready-to-Use (RTU) is a water dispersion of acrylic polymers. It is specifically designed to be used as an integral admixture to modify Portland cement compositions; such as concrete, mortar and stucco. Its use offers many distinct advantages when compared to unmodified concrete, such as, greater Tensile Strength, Compressive Strength, Flexural Strength, Impact Strength and Abrasion Resistance. (See data chart.)

Concrete or mortar that has been modified with Plas-*Tex* RTU is especially useful in thin section repairs or overlays as it improves the adhesion, cohesion and resiliency, as well as wearing quality and durability, especially when heavy vibration and traffic is experienced.

Basic Uses:

Leveling, smoothing and patching of existing concrete floors, side walks, stairs, walls, highway bridge decks, Pre-stressed Concrete or pre-cast concrete floor plank, concrete driveways, sidewalks and industrial or residential floors. Also ideal for thin set terrazzo or underlayment.

Advantages:

- Modify concrete or mortar overlays from a “feather edge” up to 1” thickness when bonding to old concrete.
- Use as a paint on primer/adhesive when applying thick (1” to 3”) overlays of unmodified concrete to old concrete.
- Adheres to concrete, masonry, wood, plastic and most structurally sound & clean surfaces.
- Prevents lifting, scaling or cracking of new topping.
- No chipping or roughening of old surfaces required.
- Non-Flammable, non-toxic water based material.
- Withstands heavy industrial loads and abuse.
- May be used interior or exterior.
- Resists water, most chemicals and solvents.
- Excellent resistance to ultraviolet light and heat.
- Dries to uniform concrete color
- No special curing required at ambient temperatures.

Surface Preparation:

Ensure all surfaces are free from oil, grease, dust, release agents, sealants, adhesives, paint or anything that will prevent Plas-*Tex* from bonding.

Application:

When using Ready-To-Use grade as an integral admixture, add to any conventional concrete, mortar mix or prepackaged cement mix. A good mixture for thin topping is 1 part cement to 2 1/2 parts sand.

cont.

Plas-**Tex** Ready To Use

Acrylic Bonding Agent &
Repair Mortar

As Admixture: Add some Plas-**Tex** RTU to a clean mixing container and then add Plas-**Tex** Powder or other aggregate. Next add remaining Plas-**Tex** RTU and mix slowly to avoid trapping air bubbles in admixture, until free of lumps. Do not over mix. Place immediately.

As Bonding Agent: When applying new concrete to old surfaces, apply as a liberal paint coat and apply topping while Plas-**Tex** RTU is still wet.

As Grouting: Mix with equal parts of sand and cement and scrub into place. While still wet apply conventional topping.

Clean Up: Wash hands and equipment with water immediately after use. Remove any excess mix or liquid from surfaces with a damp towel.

Physical Properties	Test Method	Un-modified Mortar	Plas- Tex Modified Mortar
Tensile Strength: PSI 28 Days	ASTM C190-72	300	645
Compressive Strength: PSI 28 Days	ASTM C109-73	2,390	5,700
Flexural Strength: PSI 28 Days	ASTM C348-72	610	1,585
Shear Bond Strength: PSI 28 Days	Special Shear	45A	650
Impact Strength: Inch/Pound 28 Days	Gardner Imp. Test	6	16
Abrasion Resistant: % Weight Loss	Taber Abrader	23.8	1.15

Test made with Plas-**Tex** Ready To Use

Limitations:

Plas-**Tex** RTU should not be used in freezing temperatures or applied to a frozen surface. Do not let Plas-**Tex** RTU freeze. Do not apply over calcimine, wallpaper glue or other water soluble surfaces. Do not use without consulting manufacturer or making a test sample.

Guarantee: All products are of the highest quality and guaranteed to be free of defects. Due to the broad range of job conditions and methods of application, test panel should be made to determine suitability of this product for job requirements. No responsibility can be accepted beyond purchase price.