



# PLAS - TEX

## BONDING AGENT / ADMIXTURE

for

## CONCRETE and MORTAR

RESURFACING — PATCHING — LEVELING  
FLOORS — WALLS

### PRODUCT DESCRIPTION

Florok PLAS-TEX is a water dispersion of acrylic polymers. It is specifically designed to be used as an integral admixture to modify Portland cement compositions; 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 on other side).

Florok PLAS-TEX modified concrete or mortar 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 existing concrete floors, walls, highway bridge decks, Prestressed Concrete or precast concrete floor plank, concrete driveways, sidewalks and industrial or residential floors. Also ideal for thin set terrazzo or underlayment.

### ADVANTAGES

- Use as an integral admixture to modify concrete or mortar overlays from feather edge to 1" in 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.
- Prevents lifting scaling or cracking of new topping.
- No chipping or roughening of old surface required. (See Installation.)
- Non flammable, non toxic.

- Adheres to concrete, wood, masonry, plastic and most structurally sound clean surfaces.
- Withstands heavy industrial loads and abuse.
- May be used in or out of doors.
- Resists water, most chemicals and solvents.
- Excellent resistance to Ultra violet light and heat.
- Dries to uniform concrete color.
- No special curing required at ambient temperatures.

### LIMITATIONS

- PLAS-TEX should not be used in freezing temperatures or applied to frozen surface.
- Do not apply over calcimine, wall-paper glue or other water soluble surfaces.
- Do not use other admixtures when using PLAS-TEX without consulting Manufacturer or making test sample.

### FORMULATIONS

PLAS-TEX is available in two grades of liquid.

- PLAS-TEX READY TO USE for use in most general work.
- PLAS-TEX CONCENTRATE to be diluted with 1 to 3 parts of water before using (See installation).

PLAS-TEX is also available in UNITS whereby PLAS-TEX liquid is supplied with properly proportioned quantities and grades of cementitious compounds for maximum convenience and best job results.

- LEVEL PLAS-TEX UNIT/All purpose topping and patching.
- UNDERLAYMENT UNIT/Designed for use under tile or carpeting.
- QUICK PATCH UNIT/cures ready for industrial traffic in 30 minutes.



PLAS-TEX topping may be troweled as thin and smooth as desired.



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PRODUCT No.

101-104

## TECHNICAL DATA

PHYSICAL PROPERTIES	TEST METHOD	UNMODIFIED MORTAR	PLAS-TEX MODIFIED MORTAR
TENSILE STRENGTH: PSI 28 Days	ASTM C-190-72	300	645
COMPRESSIVE STRENGTH: PSI 28 days	ASTM C-109-73	2390	5700
FLEXURAL STRENGTH: PSI 28 days	ASTM C348-72	610	1585
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

Tests made with PLAS-TEX READY TO USE

### INSTALLATION

Surface to which PLAS-TEX topping is to be applied must be clean and structurally sound.

Remove unsound material, dirt, dust, oil or other coatings that may prevent good adhesion of new topping. The surface may be damp but not wet.

When supplying own cementitious mixtures, use READY TO USE Grade. A good thin section cement mix formula is 1:2½ (1 cement to 2½ sand).

For larger jobs, PLAS-TEX CONCENTRATE may be used, in which case it must be diluted with equal (1) part of water for general purpose work. Dilute with two (2) parts of water for underlayment. Dilute with three (3) parts water for thick applications (over 1 inch). Test sample should be made.

When using as a Primer/Adhesive for unmodified cement topping, use PLAS-TEX CONCENTRATE GRADE full strength. Apply a good saturating coat, while still wet apply unmodified topping.

All PLAS-TEX Units are supplied in proper formulation and proportions. Mix PLAS-TEX liquid with Powder Mix as supplied.

### APPLICATION

After surface has been prepared, apply any of the above PLAS-TEX and cement mix topping, using straight edge, float and trowel. Finish in texture desired. Do not go back after surface has started to set.

No curing treatment is required at ambient temperature.

### SIZES AND PACKAGING

- READY TO USE - Quart, 1 gallon, 5 gallon drum, 55 gallon drum.
- CONCENTRATE - 1 Gallon, 5 gallon drum and 55 gallon drum.
- LEVEL PLAS-TEX UNITS:
  - 1 Gallon Unit consists of 1 quart PLAS-TEX liquid and 10 pounds Powder Mix.
  - Economy Unit consists of 1 gallon PLAS-TEX liquid and 45 lb. Bag Powder Mix.
  - INDUSTRIAL Unit contains the same amount of material as Economy Unit but is packaged in 5 Gallon Drum.
  - UNDERLAYMENT Unit consists of 1 Gallon of PLAS-TEX liquid Underlayment grade and 45 pounds of Powder mix.
  - QUICK PATCH Unit consists of 1 Gallon PLAS-TEX liquid and 50 lb. Quick Setting Cement.

### GUARANTEE

All FLOROK PRODUCTS are of the highest quality and guaranteed free of defects. Due to the broad range of job conditions, the user should make test applications to determine suitability of the product for his requirements. No responsibility can be accepted beyond the purchase price.