



4225 W. Ogden Ave. • Chicago, IL 60623 • Phone: (773) 522-1900

SCREEN TUBES FOR C6 & A7



Top View

HOLLOW CONCRETE BLOCK
Maximum holding strength in concrete block can be obtained by fastening to both the front and back of the block using an adhesive screen tube and threaded rod



Section
BRICK WALL

Systems designed for Seismic Retrofit, Brick Pinning or fastening to brick—various lengths and diameters available to accommodate site conditions.



HBP SERIES—NYLON SCREENS

- 30%-50% savings from stainless steel screens
- Comparable performance values
- Easier to insert and span across voids
- Flexible material is less susceptible to damage (from being crushed)

HP SERIES—STAINLESS STEEL

- Corrosion resistant
- Available in 1/4" to 3/4" diameter
- Special version, "dosage control" available for overhead and underwater installations



Traffic Area
Repair
Mortars

SET 45

Chemical-action repair mortar

DESCRIPTION

SET 45 is a one-component concrete repair and anchoring material, which sets in approximately 15 minutes and takes rubber tire traffic 45 minutes after placement. This product bonds to both concrete and masonry and can be used indoors and outdoors for a variety of highway and heavy industrial repair jobs.

FEATURES/BENEFITS

- Easy to use - Just add water
- Wide temperature use range - from below freezing to hot weather exposures
- Rapid high early strength - when 2 in. cubes are tested, the results show approximately 2,000 psi compressive strength in one hour
- Superior bonding - no bonding agent is needed
- Resistant to freeze/thaw cycles and deicing chemicals
- Virtually no drying shrinkage
- Only air curing required

WHERE TO USE SET 45

- Bridge deck and highway overlays
- Concrete pavement joint repairs
- Airport runway light installations
- Full-depth structural repairs
- Expansion device nosings
- Anchoring iron or steel bridge and balcony railings
- Commercial freezer room repairs
- Parking deck and ramp repairs
- Dowel bar replacement

HOW TO APPLY SET 45

Surface Preparation

Surface should be clean and sound.

Mixing

Water content is critical, use a maximum of 4 pints of water per 50 lb. bag of SET 45.

Application

Use neat material for patches from 1/2" to 2" in depth or width. For deeper patches, a 50 lb. bag of SET 45 HW concrete must be extended by adding up to 30 lb. of properly graded, dust-free, hard, rounded aggregate or non-calcareous crushed angular aggregate not exceeding 1/2" per ASTM C 33, #8.

Curing

SET 45 should air dry for proper cure. Liquid membrane curing compounds or plastic sheeting may be used to give the surface early protection from precipitation, but never we cure SET 45. SET 45 dries to the color of Portland cement mortar.

PACKAGING AND COVERAGE

50 lb. moisture resistant bags.

Yield: .39 ft³ mixed with water

Using 60% 1/2" rounded, sound aggregate yields .58 ft³

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