

DOWEL BAR ADHESIVE - L5 - RAPID SET, HIGH MODULUS, POURABLE, EPOXY ADHESIVE

DESCRIPTION: DBA-L5 is a two component, 100% solids, rapid setting, moisture tolerant, high modulus epoxy adhesive. DBA-L5 is designed for use with meter mix pumping equipment.

USES: Rapid setting grout for dowel bars, rebars and anchor bolts in concrete for load bearing applications. Rapid setting binder for epoxy mortar systems for filling keyways or joints between prestressed concrete members.

ADVANTAGES: Rapid set at temperatures above 65°F. Will cure at temperatures down to 35°F. Moisture tolerant. 100% solids, conforms to VOC regulations. Easy-to-use 1:1 volume mix ratio. Conforms to ASTM C-881, Grade 2, Class A, Type IV & V.

SURFACE PREPARATION: All concrete surfaces to be bonded should be dry for best results. However, a damp surface dry condition is acceptable. Surfaces must be free of standing water. Mechanical scarifying to remove laitance or other foreign materials will result in optimum bond. Drill holes must be air blasted to remove residual dust. Steel dowel bars must be free of rust and oily substances. Sand blast or wire brush to white metal.

MIXING AND APPLICATION: DBA-L5 supplied in containers should be inspected for settling. The individual components should be mixed prior to combining them or charging them into the compartments of dispensing equipment. Check dispensing equipment to be sure of correct 1:1 by volume mix ratio. If mixing DBA-L5 by hand, combine part A and part B in equal volumes. Do not mix more than can applied in five (5) minutes. To prepare mortar, use clean, dry bagged silica sand. Mix 3-5 parts by volume of sand to 1 volume of mixed epoxy. Prime surface to receive mortar with neat epoxy. Place mortar with a spatula or trowel.

LIMITATIONS: Do NOT apply when temperature is below 35°F. Do NOT apply to latex modified mortar or concrete.

CLEAN UP: Clean tools and equipment immediately with a suitable solvent such as xylene or lacquer thinner.

PACKAGING: 2 gallon units, 10 gallon units, 100 gallon units

CAUTION: For professional use only. Epoxy systems can cause delayed dermatitis. Avoid prolonged contact with skin. See Material Safety Data Sheet for proper handling and required safety equipment.

Properties at 77° F	
Mix ratio by volume	1:1
Color	Clear Amber
Pot Life (100 Grams)	5-10 Minutes
Pull Out Strength	> 12,000 psi
Viscosity	2,000-3,000 cps
Compressive Strength (ASTM D-695) (3 Parts Ottawa Silica)	6,500 psi
Shore D Hardness (ASTM D-2240)	80-85
Tensile Strength (ASTM D-638)	>8,000 psi
Shelf Life	1 Year