

SPECIALITY EPOXY

TECHNICAL DATA SHEET

WEST SYSTEM®

SIX10

SYSTEM TYPE: TOUGHENED EPOXY ADHESIVE

Six10™ Adhesive is a two part epoxy gel adhesive that provides strength and reliability with the convenience of a single part product. The self-metering coaxial cartridge dispenses a gap filling structural epoxy that bonds tenaciously to wood, metals, fibreglass and concrete. The tube comes with a static mixer that lets you lay down a bead of thickened epoxy with any standard caulking gun.

Six10's shear thinning properties makes it "thinner" as it's worked. It can be easily tooled into a non-sagging fillet or used to wet out light to moderate reinforcing fabrics like fibreglass. The hardener provides a long open time but has fast thru cure. Six10 stays workable in the static mixer for 42 minutes, making it practical for long or complicated assemblies.

Each tube of Six10 comes equipped with a static mixing wand. Additional static mixing wands are available in sets of two (product number 600-2).

MIX RATIO

1:2 (2 Part Resin : 1 Part Hardener) by volume.

Note: Care should be taken when dispensing and mixing. Do not attempt to control the cure time by altering the hardener ratio. Contact ATL Composites for specific information.

UNCURED PROPERTIES

	Resin	Hardener
Physical State	Greyish-White Gel	Amber Gel

CURED PROPERTIES

Pot Life	100g @ 25°C (In Air)	42 Minutes
Minimum recommended Temperature		10°C
Cured to Sold State	@ 25°C	5-6 Hours
Full Cure	@ 25°C	24 Hours
Specific gravity of cured system		1.18
Shore D Hardness	2 Weeks	80
HDT	After 2 Weeks @ 25°C	52°C

PACK SIZES

Order CODE	PACK
KA610	180mls
600-2 (2 Pack)	Static Mixers

STORAGE

Six10 resin and hardener will keep for 2 years, if kept in original containers at room temperature (15°C to 32°C), and out of direct sunlight. Containers should be tightly sealed to prevent moisture absorption.

HEALTH AND SAFETY

Six10 resin and hardener have moderate sensitising potential and should be kept out of the eyes and off the skin.

- Use with good ventilation and appropriate safety equipment including impervious gloves and safety glasses.
- If skin contact occurs, remove contaminated clothing immediately and wash the affected area thoroughly, avoiding the use of solvents except in the case of massive contamination.
- If eye contact occurs, immediately flush with running water for at least 15 minutes and seek medical advice.

• If swallowed:

Resins - DO NOT induce vomiting, and contact a doctor or the Poisons Information Centre.

Hardeners - DO NOT induce vomiting, give plenty of milk or water and contact a doctor or the Poisons Information Centre.

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