ADH 1200

100% SOLIDS FOAM ADHESIVE

DESCRIPTION

ADH 1200 is a two component, 100% solids urethane adhesive designed for bonding urethane foam or PE foam to each other or to concrete when used in conjunction with PRI 1050. With good flexibility and excellent resistance to most chemicals and water **ADH1200** is ideal for water park and dry play articles.

LIQUID PROPERTIES	POL 3090B	ISO 200A	MIXED
Appearance	Heavy Gray Liquid	Dark brown Liquid	Lt. Brown Liquid
Viscosity	18,000-26,000cps	200-500cps	16,000-24,000
Weight per gallon	13.65-13.85	10.00-10.20	13.00-13.20
Mix Ratio:	5 parts POL 3090B to 1 part ISO 200A by weight		
Recommended thickness:	10 to 20 mils		
Coverage:	200 sq ft per gallon at 10 mils		
Working Time:	4 to 6 hours @ 77°F.		
Set Time:	24 hours @ 77°F		
Note:	Work and set times can be decreased dramatically with 1% to 2% by weight addition of Forschs' CAT 170.		

FOAM SURFACE PREPARATION:

Foam surfaces must be thoroughly cleaned prior to application of PRI 1050 as per PRI 1050's technical bulletin. Be sure to prime both substraights!

Concrete surfaces should be acid etched and then neutralized, rinsed thoroughly, prior to the application of PRI 1050.

Allow 15 to 30 minutes @ 77°F dry time for PRI 1050 prior to application of the ADH 1200.

APPLICATION:

Thoroughly mix POL 3090B and ISO 200A at a ratio of 5 parts POL to 1 part ISO by weight only! Apply 10 to 20 mils to one of the primed surfaces then put the two surfaces together and gently rub the two pieces around together to ensure a uniform layer.

Allow at least 18 hrs @ 77°F to set for foam to foam bonding and at least 48 hrs @ 77°F to set for foam to concrete bonding. Note: these times can be reduced by approximately 25% with the addition of around 2% CAT 170.

HANDLING AND PROCESSING

The bonding operation should take place as soon as the adhesive has tacked to avoid surface contamination.

STORAGE

Systems should be stored unopened in air tight containers at 60 – 90 degrees F. Partially emptied containers should be swept free of atmospheric moisture with dry nitrogen before sealing.

HANDLING PRECAUTIONS

For complete and updated health and safety information, read the MATERIAL SAFETY DATA SHEETS. Do not handle or use until the MATERIAL SAFETY DATA SHEET has been read and understood.