HARDTACK
SPECIALIST ADHESIVES

POLYURETHANE CONSTRUCTION ADHESIVE

DESCRIPTION
A new generation single pack slower curing high strength low-foaming moisture curing polyurethane based adhesive.

USES
- General purpose slow cure construction adhesive.
- Bonds common construction substrates including wood, concrete and some metals.

COLOUR
White/Opaque

FEATURES
- Highly thixotropic for no-slump application
- Extremely high bond strength
- Good wet grab and firm initial hold
- Suitable for intermittent immersion service in water once cured
- Low smell
- Low foaming (high density foam) for good gap filling
- Low VOC

SURFACE PREPARATION
Surfaces should be clean and sound. Contact Uroxsys for specific recommendations. Contractors should test lay a typical sample and do a destructive pull test to confirm adequate adhesion to a given substrate.

MIXING RATIO
Single pack. Cures by reaction with moisture from the atmosphere and the substrate.

CLEAN UP
Clean up frequently using Uroxsys Polyurethane Brush Cleaner or Uroxoff before product has set on equipment.

SAFETY DATA
Wear protective clothing. **Gloves are essential.** Avoid contact with skin. For further information refer to material safety data sheet.

This information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

	SLOW	MEDIUM	FAST
Packaging	Cartridges: 350gm (Approx 310ml)	Cartridges: 350gm (Approx 310ml)	Cartridges: 350gm (Approx 310ml)
Coverage Rate	1 ½ -2 m^2 per litre, dependent on end use.	1 ½ -2 m^2 per litre, dependent on end use.	1 ½ -2 m^2 per litre, dependent on end use.
Density	1.12 gms/cm^3	1.12 gms/cm^3	1.12 gms/cm^3
Rapid Cure	Rapid cure- usually allowing careful traffic/unclamping in 120 minutes	Rapid cure- usually allowing careful traffic/unclamping in 60 minutes	Rapid cure- usually allowing careful traffic/unclamping in 30 minutes
Full Cure	Normally 48 hours, depending on ambient conditions.	Normally 48 hours, depending on ambient conditions.	Normally 48 hours, depending on ambient conditions.
Working Time	Approximately 20 minutes once applied, depending on ambient conditions.	Approximately 10 minutes once applied, depending on ambient conditions.	Approximately 3-4 minutes once applied, depending on ambient conditions.
Tack Free Time	Approximately 30 minutes once applied, depending on ambient conditions.	Approximately 30 minutes once applied, depending on ambient conditions.	Approximately 15 minutes once applied, depending on ambient conditions.
Clamp Time	Approximately 120 minutes once applied, depending on ambient conditions.	Approximately 60 minutes once applied, depending on ambient conditions.	Approximately 30 minutes once applied, depending on ambient conditions.
Shelf Life	12 months in unopened packs.	12 months in unopened packs.	12 months in unopened packs.
Application	**Sausages:** • Fits standard sausage guns. • For manual use: massage to fluidise product, puncture sausage near an end with a nail and then squeeze out as required. Aim for a 6mm diameter bead, at a spacing that allows for an effective footprint of 100% of the covered area once the surface is bedded in. **Cartridges:** • Fits standard cartridge guns • Fasten, clamp, or weight to secure during cure. • Consult Uroxsys for specific recommendations.	**Cartridges:** • Fits standard cartridge guns • Fasten, clamp, or weight to secure during cure. Consult Uroxsys for specific recommendations.	**Cartridges:** • Fits standard cartridge guns • Fasten, clamp, or weight to secure during cure. • Consult Uroxsys for specific recommendations.

