



# ATLAS ADHESIVES

## *"Rigid PU Systems"*

### Technical Data Sheet

#### DESCRIPTION

This Two Component polyurethane foam system consists of polyol and isocyanate components that cure at room temperature and are suitable for manual processing. It is environmental friendly closed cell rigid foam insulation having a cellular structure consisting of more than 90 % closed cells.

#### TECHNICAL SPECIFICATIONS

S. No	Properties	Result
1.)	Component	Two Component
2.)	Colour	Clear Yellow Liquid
3.)	Density	1.12 Kgs
4.)	Viscosity	350 Cps
5.)	Cream Time	20 ± 2
6.)	Gel Time	135 ± 10
7.)	Tack Free Time	175 ± 10
8.)	Free Rise Density	26 ± 2
9.)	Mixing Ratio	100 Parts of Resin / 130 Parts of ISo
10.)	Application Temperature	10°c - 30° c
11.)	<b>Packaging</b>	<b>210 Kgs / 250 Kgs</b>



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## Application

- Thermal Insulation
- Construction of AHU
- Interior Floors, Roofs
- Cold Chain Storage
- Hot Cases & Water Geysers

## Features and Advantages

- Flows Well into Mold Cavities
- Fast Demoulds
- Easy to handmix
- Light weight
- Resistance to water Permeation

## Application Method

**Surface :** There should be no water, oil, dirt, dust, etc. on the concrete before application.

- Prepare the two components (resin / base and catalyst) and mix them separately. Weigh out the amounts of polyol and isocyanate components given in the table below.
- Keep the mixing ratio exactly. The technical properties listed below are guaranteed only this case.
- Do not leave unmixed components on the wall of the mixing bowl.
- Stir until the colour is homogeneous. The polyurethane resin can then be cast.
- For mixing, a hand drill with a stir bar can be used.

## Safety

Wear chemical resistant gloves and eye protection while applying. Kindly ensure the area is well ventilated. Keep container tightly closed when not in use. Please refer SDS for safety information



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