

## MULTI-PURPOSE SILICONE



### Product Description

AssanPU Universal Silicone is a general purpose, single-component, acetic curing, sealing and joint filling material with a wide range of applications. Provides strong adhesion to many non-porous surfaces, including general construction materials.

### Features

- It remains permanently elastic after curing.
- Acetoxy cures.
- Provides excellent adhesion to non-porous surfaces.
- Does not crack, does not yellow and is resistant to the effects of aging.
- Resistant to detergents, cleaning agents and chemicals.
- It can be applied in all seasons.
- It emits a typical acid odor during curing.
- The LEED credit determined by the 1168th rule of SCAQMD is compatible with the amount of VOC determined by the EQc4.1 "Low emitting products" protocol.

## Fields of Application

- In general glass fitting and installation works
- For insulation and filling in door and window openings
- DIY projects
- Applications in bathrooms and kitchens and plumbing works
- Joints and connections of materials such as glass, porcelain, steel, etc.
- Elektrik malzemelerinin, priz ve anahtarlarının izolasyonunda.

## How to Use

- Clean the application surfaces and make sure the surface is free from dirt oil and dust.
- Application temperature should be between +5°C and +40°C.
- When determining the joint width, the mobility of the silicone should be taken into account. Minimum joint size should be 5x5 mm. For joints with a very large width, the joint depth should be half the width. The joint depth can be adjusted to the desired level by using a joint sealant.
- To ensure adequate contact with the surface, it should be smoothed by pressing with a silicone spatula within 5 minutes after application. This process will both ensure better adhesion of the silicone and result in a better filling appearance.
- Uncured silicone can be cleaned with cleaning thinner. Cured silicone can be removed mechanically.

## Packaging Details

Product	Weight	Quantity per parcel
Transparent	310 ml / 280 ml	24
White	310 ml / 280 ml	24

## Shelf Life

- 18 months if stored in its original sealed packaging at room temperature.

## Important

- Not recommended for use on porous surfaces such as marble, natural stone, concrete etc.
- Since acetic acid is formed during curing, it should not be used on sensitive metals such as copper, brass, lead and mirrors.
- Not paintable.
- Not for use in aquariums.
- When exposed to direct sunlight, it may yellow due to its antibacterial properties.
- It should not be used in completely closed areas as it needs moisture to cure.

## Safety

Prolonged inhalation of acetic acid vapors released during curing may damage the respiratory system. Therefore, care should be taken to use it in sufficiently ventilated environments. Prolonged contact with uncured silicone should be avoided.

## Technical Characteristics

<b>Chemical Structure</b>	Silicone polymers	
<b>Curing Type</b>	Acetoxi	
<b>Density</b>	0.96-0.98 g/ml	
<b>Shore a Hardness</b>	15-25 (after 28 days)	
<b>Non-sticky After</b>	8-20 mini. (23°C ve 50% B.N.)	
<b>Curing Rate</b>	Min. 2.5 mm/day (23°C and 50% B.N.)	
<b>Tensile Strength</b>	≥ 0,7 N/mm <sup>2</sup>	(ASTM D412)
<b>Breakage Elongation</b>	≥ 350%	(ASTM D412)
<b>Sagging</b>	0 mm	(ISO 7390)
<b>Application Temperature</b>	Between -5°C and +40°C	
<b>Temperature Resistance</b>	Between -40°C and +180°C	