

## Eco-friendly modified polyether sealant

### P120 Power Seal

#### ■ Product Description

P120 is a one component sealant prepared based on MS resin. It has good sealing performance and cohesion, no corrosion, no pollution to the adhered substrate, no pollution to the environment, and good bonding performance to metal, galvanized sheet, stainless steel, sheet metal and other materials.

#### ■ Typical Applications

1. General industrial field;
2. Bonding and sealing of glass, galvanized sheet, stainless steel, metal, ceramic sheet metal and other materials.

#### ■ Key features

1. Eco-friendly, odorless;
2. Low modulus, easy to construct;
3. The watch dries fast and can be positioned quickly;
4. Good weather resistance, good durability, and earthquake resistance.

#### ■ Technical Data Table

PROPERTY	Standard	UNITS	Specification	Test value
Appearance	Visual	-	Black, white, gray Paste	Black, white, gray Paste
Sagging	GB/T 13477-2002	mm	< 1	0
Curing speed	HG/T 4363-2012	mm/d	≥3.0	3.5
Elongation at break	GB/T 528-2009	%	Around 250	270
Solid content	GB/T 2793-1995	%	≈ 96	98
Tack free time	GB/T 13477-2002	min	15~30	20
Tensile strength	GB/T 528-2009	MPa	> 1.5	1.8
Hardness	GB/T 531.1-2008	Shore A	≈ 40	45
Service temperature	GB/T 20028-2005	°C	-40~+90	-40~+90

Note: Test data at 23 ± 2 °C and 50 ± 5% RH;

The test value of surface drying time will vary with different ambient temperature and humidity.

### ■ Directions for Use

#### ● Substrate pretreatment

The surface of the bonded substrate must be clean and dry without dust, oil and water stains.

#### ● Application

Ambient temperature and humidity have a great impact on the surface drying and curing of sealant. It is recommended that the construction ambient temperature is 5 ~ 35 °C, and the humidity is 50 ~ 70% RH.

The sealing node part can be decorated and scraped with a scraper or hard foam strip, and some details can be smoothed with soapy water.

If P120 will be in contact with polyurethane adhesive during application, P120 can be used for construction only after the polyurethane adhesive is completely cured.

● The construction method can refer to the construction instructions or consult our technicians.

#### ● Cleaning

Uncured P120 can be removed from tools or equipment with cleaning agent or appropriate solvent. Once cured, it can only be removed mechanically, and the surface shall be cleaned.

### ■ Packing and Storage

#### ● Package specification:

600ml/ sausage;  
20L/ bucket, 200kg/ bucket.

#### ● Storage:

Sealed and stored in a low temperature and dry place. It is recommended to store in an environment with a temperature of 5~25 °C and a humidity of  $\leq$  50% RH.

#### Storage period:

9 months

● **Transportation:** moisture proof, rain proof, sun proof, high temperature proof, keep away from heat source, handle with care, and do not squeeze or collide.

### ■ Attention

Fast and keep away from children; Avoid contact with eyes and skin before curing. In case of accidental contact with skin, first scrub with soapy water or alcohol, and then rinse with clean water. In case of contact with eyes, rinse with plenty of water first, and seek medical advice immediately if necessary.

### ■ Safety Operation Data

MSDS isn't included here. Please read TDS, MSDS and label carefully before operation. You can get MSDS from PEGUS or other distributors, or mail to service center [info@pegus.us](mailto:info@pegus.us), or call.



### ■ Warranty and Liability

All product properties and application details based on information believe to be reliable and accurate. But you still need to test its property and safety before application. The advices we supply don't apply in any circumstances. PEGUS doesn't make assurance of any other applications outside the specification until PEGUS supply a special written guarantee. PEGUS is only responsible to replace or refund if this product is defective within the warranty period stated above. PEGUS makes it clear that it will not be liable of any accidents.