

PROseal

Sealant & Gap Filler **PAS-100**
MULTIPURPOSE

PROSEAL PAS - 100 is a multipurpose, gunnable single component water based, paint able acrylic sealant and gap filler. This easy to use, economical sealant provides excellent adhesion for gaps and low movement joints. It can used for interior and exterior areas where not directly exposed to water or where water pools.

RECOMMENDED USES

- Sealing cracks in plasterboard
- Sealing window and door frames
- Sealing around ceramic tiles
- Sealing low movement joints
- Crack filling prior to painting
- Sealing cracks in brickwork and concrete
- Sealing between light partition walls
- Sealing skirting and architraves

ADVANTAGES

- Multipurpose uses
- Excellent sealing and adhesion properties
- Can be over-painted
- Once cured excellent water resistance
- Slump resistance

PRODUCT SPECIFICATION

SPECIFICATION	PROSEAL PAS – 100 COLOR	PROSEAL PAS - 100 CLEAR
Appearance	Colored paste	Milky white paste
Color	White, Grey, Brown, Black	Clear
Chemical type	Acrylic water based	Acrylic water based
Solid by volume	70.00%	60.00%
Specific gravity	1.55 g/cc	1.00 g/cc
Tool working time	15 minutes at 30°C	15 minutes at 30°C
Tack free time (skin time)	15 – 30 minutes at 30°C	60 - 120 minutes at 30°C
Paint ability	After film already dry, over 3 hours for emulsion paint and over 3 days for oil based paint	After film already dry, over 1 day for emulsion paint and over 7 days for oil based paint (limited type of paint)
Full cure (5mm x 5mm)	2 - 3 days (depend on temperature and thickness)	5 - 7 days (depend on temperature and thickness)
Movement accommodation	Low movement (± 10 %)	Low movement (± 20 %)
Application condition	25 - 35°C, 60 - 80%RH	25 - 35°C, 60 - 80%RH
Application method	Caulking gun	Caulking gun
Substrate	Concrete, wood, ceramic, brick, plasterboard, etc	Poly carbonate, concrete, wood, ceramic, brick, plasterboard, etc

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COVERAGE

The coverage below is approximate and is dependent on substrate conditions. Metres per 300 ml cartridge.

Joint Depth (mm)	Joint Width (mm)		
	5	10	20
5	12	6	3
10	-	3	1.5
15	4	2	1

APPLICATION INSTRUCTIONS

- Ensure all surfaces are clean, dry and free from dust, dirt, grease and loosely adhering materials
- Cut the tip of the cartridge and screw the nozzle on the tape
- Apply sealant into crack or gap by pushing Proseal PAS - 100 ahead of nozzle thus ensuring that sealant contact both sides of the joint and is pushed firmly into place
- Scrape off lightly with a putty knife or similar tool dipped in clean water for a smooth, even finish
- Clean off excess fresh sealant with a damp cloth or wet putty knife immediately, fully cured sealant can be removed by trimming with a sharp knife
- Allow to dry

LIMITATIONS

- Unsuitable for permanently flexible sealing
- Not recommended for spaces where wet conditions exist or use underwater
- Not recommended for use sealing submerged joint
- Not recommended for application on damp substrates
- Do not use in external application where directly exposed to water or where water pools

PAINTABILITY

Proseal PAS - 100 can be painted over with most types of paint after film already dry. In most cases Proseal PAS - 100 can be painted over in 3 hours for emulsion paints and sealant must be fully cure, usually over 3 days before oil based paints are applied.

PACKAGING

Proseal PAS - 100 is available in 300 ml plastic cartridge.

OTHERS

Shelf life : One year if stored in cool and dry condition in original sealed can
Storage and handling : Store in good ventilation room temperature

SURFACE PREPARATION

- The surface must be clean, dry, free from all contaminant.
- Treat any areas affected by mould, algae, fungus, moss and lichens with Propan Fungicidal Wash

SAFETY PRECAUTION

This product is non toxic. It does not contain any material with mercury or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as goggles, dust masks, and gloves. This product is non flammable.

FIRST AID

Eye contact : Rinse immediately with plenty of water for at least 15 minutes and seek medical advice
Skin contact : Wash with soap and water. If irritation occurs, seek medical advice
Ingestion : Provide symptomatic treatment and seek medical advice
Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration