



# ALL-WEATHER SEALANT

Issue – AWS/0802

**HIGHLY FLEXIBLE  
FULLY WATERPROOF**

**CAN BE APPLIED IN  
WET WEATHER**

**OVERPAINTABLE WITH  
MOST PAINTS**

## DESCRIPTION:

ALL-WEATHER SEALANT is a universal co-polymer based sealant, available in **WHITE, CLEAR & BLACK**. This versatile all-purpose sealant readily extrudes from a cartridge with minimal gun hand pressure and will form a waterproof, highly elastomeric permanent seal joint around bathroom fittings; interior / exterior door and window frames. ALL-WEATHER SEALANT is suitable for both interior and exterior applications and demonstrates excellent adhesion to a wide range of building materials, including materials, which are incompatible in contact with multi-purpose silicone sealants such as bitumen, asphalt and zinc.

## PREPARATION:

Ensure all joint areas, voids and contact surfaces are dry, clean and free from dirt, grease and loose surface coatings. Do not apply to joints where there is likely to be movement in excess of 25% of the joint width. Use a sharp knife to cut off the tip of the cartridge, whilst leaving sufficient thread in place to engage with the nozzle. Cut the nozzle tip at a 45° angle and at a point to give the required joint width. (Usually 6mm for most sealing applications).

## APPLICATION:

Fit the cartridge into a suitably sized skeleton gun and slowly, but consistently extrude the sealant into the joint, whilst at the same time drawing the cartridge along the line of the joint to ensure even placement. In deep bed applications such as movement joints (> 10mm), it is advisable to insert a PU foam backer strip to control joint depth adhesion to the background substrate. ALL WEATHER SEALANT can be smoothed into the joint within 5 minutes of application using a lightly dampened pallet knife, or similar tool to give a blemish-free even surface. ALL WEATHER SEALANT has a tack-free time of about 8 minutes and will start to form a durable skin after about 30 to 40 minutes and depending on joint depth and site conditions, will take two to three days to achieve complete cure through the joint (typically at a rate of 1mm / 24 hours). ALL WEATHER SEALANT is not suitable for use in fully immersed applications and aquaria.

## COVERAGE:

ALL-WEATHER SEALANT will seal linear joints up to the following length, when consideration is given to both the width and depth of the joint to be filled. In deep movement joints it is advisable to use PU backer foam strips to maximise sealant output:

# cure-through time is about 1mm every 24 hours	JOINT WIDTH IN mm			
	6	8	12	
JOINT DEPTH mm	6	8	12	
	9	6.8	4.5	
	8	6.6	5.0	3.3
	10	5.2	3.9	2.6

The coverage rates shown in the above table are for guidance purpose only and do not take into full consideration the effects of site conditions and wastage when the tiled face is cleaned and polished. Maximum joint width is 12mm, minimum joint width is 4mm and minimum joint depth is 6mm.

## TECHNICAL SUMMARY:

MOVEMENT FACTOR:	ELONGATION:	DENSITY:	APPLICATION TEMPS:	SHRINKAGE	FULL CURE TIME:
15 % up to 12mm	Not > 400%	0.95 – 0.98	+5°C up to 40°C	< 20%	1 - 4 days (#)

## STORAGE & PACKAGING:

ALL WEATHER SEALANT is supplied in 310ml cartridges (25 per case) and has a storage life of not less than 12 months if kept in dry, un-opened conditions. Consult the ALL WEATHER SEALANT material safety data sheet for advice on handling and safety procedures.

Should further more specific technical information be required, contact the Palace Technical helpline on 0151 486 6101.

The information provided by this Technical data sheet is given in good faith and is to the best of our current knowledge true and accurate. However it is given without guarantee, as conditions of use and workmanship involved are both beyond our control. All information supplied is subject to the company's terms and conditions of sale, copies of which are available on request.

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