



# WOOD FINISHES DIRECT

The following Technical Datasheet is provided by **Osmo**

Wood Finishes Direct cannot be held liable for the information contained within this document.

For purchasing information visit:  
[Osmo Exterior Gap Sealer](#)

## OSMO UK - GAP SEALER

### 01 DESCRIPTION

**OSMO UK - GAP SEALER** is a single component acrylic sealant.

### 02 PROPERTIES

- Very easy application to provide
- Applies pink dries white
- Form permanently water repellent layer after curing.
- Resistant to air conditions, stay elastic a long time after curing.
- Paintable, contains no oil and does not effect on surface which is used acrylic sealant.

### 03 APPLICATIONS

- Expanding fuga between prefabricate construction element.
- Assembly wood, PVC, iron and aliminium joinery.
- Joints in stone, wood, concrete, plaster and brick works etc.
- Sealing of window and door frame to masonry.

### 04 INSTRUCTIONS

The joints must be clean and free from dust, grease and rust. No primer is required for non-porous surfaces. On porous surfaces such as concrete, stone, cement and plaster a primer (mixture of one part acrylic sealant and 4-5 parts of water) can be applied. Min/max joint width must be 5mm/25mm. The recommended joint depth/width ratio is 1 to 2. Application temperature is between +5 °C and +40 °C. Immediately after the application, smooth the sealant at once with wet finger or a wet tool. Excess sealant can be removed by a wet cloth. Keep the sealed joint dry at least for two hours. Cured sealant can be removed mechanically.

- Product dried within 1 hour for finishing.
- Product fully cured after 24 hours for sanding .
- Coverage: based on 3mm gaps a 310ml tube will fill in excess of 30 linear metres

### 05 PACKAGING

COLOUR	UNIT SIZE	BOX QTY
White RAL 9010	310ml	24
Pine/Spruce RAL 1001	310ml	24
Light Oak RAL 1002	310ml	24
Med Oak RAL 8001	310ml	24
Dark Oak RAL 8024	310ml	24
Red Wood RAL 8012	310ml	24
Walnut RAL 8007	310ml	24
Grey RAL 7035	310ml	24
Black RAL 8022	310ml	24

## 06 STORAGE AND SHELF LIFE

36 months if stored properly and out of direct sunlight.

## 07 RESTRICTIONS

- Should not be used for sealing joints permanently exposed to water.
- It should not be applied in case of risk of rain or frost.

## 08 TECHNICAL PROPERTIES

<b>Basis</b>	: Acrylic Dispersion	
<b>Consistency</b>	: Smooth paste	
<b>pH</b>	: 7,5-9	
<b>Specific gravity</b>	: $1,62 \pm 0,03 \text{ gr/cm}^3$	(ASTM D 792)
<b>Tack-Free time</b>	: 15-60 min (23 °C and 50% R.H)	(ASTM C 679)
<b>Curing Rate (mm/day)</b>	: 2 mm/day (23 °C and 50% R.H)	
<b>Shore A hardness</b>	: 40-70 Shore A	
<b>Volume shrinkage</b>	: %29	(ASTM D 412)
<b>Weight loss</b>	: %18	
<b>Elongation</b>	: >%100	
<b>Modulus 100 % elongation</b>	: $\geq 0,20 \text{ Mpa}$	
<b>Max. tensile strenght</b>	: $\geq 0,30 \text{ Mpa}$	
<b>Tensile strenght</b>	: $\geq 0,10 \text{ Mpa}$	
<b>Temperature resistance</b>	: -10 °C to +80 °C	
<b>Application Temperature</b>	: +5 °C to +40 °C	