

## Ropeseal (Butyl Strip Sealants)

Ropeseal is a high performance butyl tape from HS BUTYL (England)

**HS BUTYL** have over 50 years experience in manufacturing butyl tapes, developing formulations for many different applications. They are passionate about butyl tapes and they focus only on butyl tape manufacture.

Ropeseal is a high performance butyl tape suitable for use in steel and aluminum roofing systems. It has been carefully formulated to provide a long-life, airtight and watertight seal to help buildings comply with Building Regulations.

# HS BUTYL INTERNATIONAL



### KEY FEATURES

- Outstanding service life.
- Good adhesion to metal roofing panels.
- Good resistance to dilute acids and alkalis.
- Excellent UV resistance.
- Excellent track record of proven performance.
- Strong, flexible and designed specifically to accommodate movement.
- Good resistance to mold.

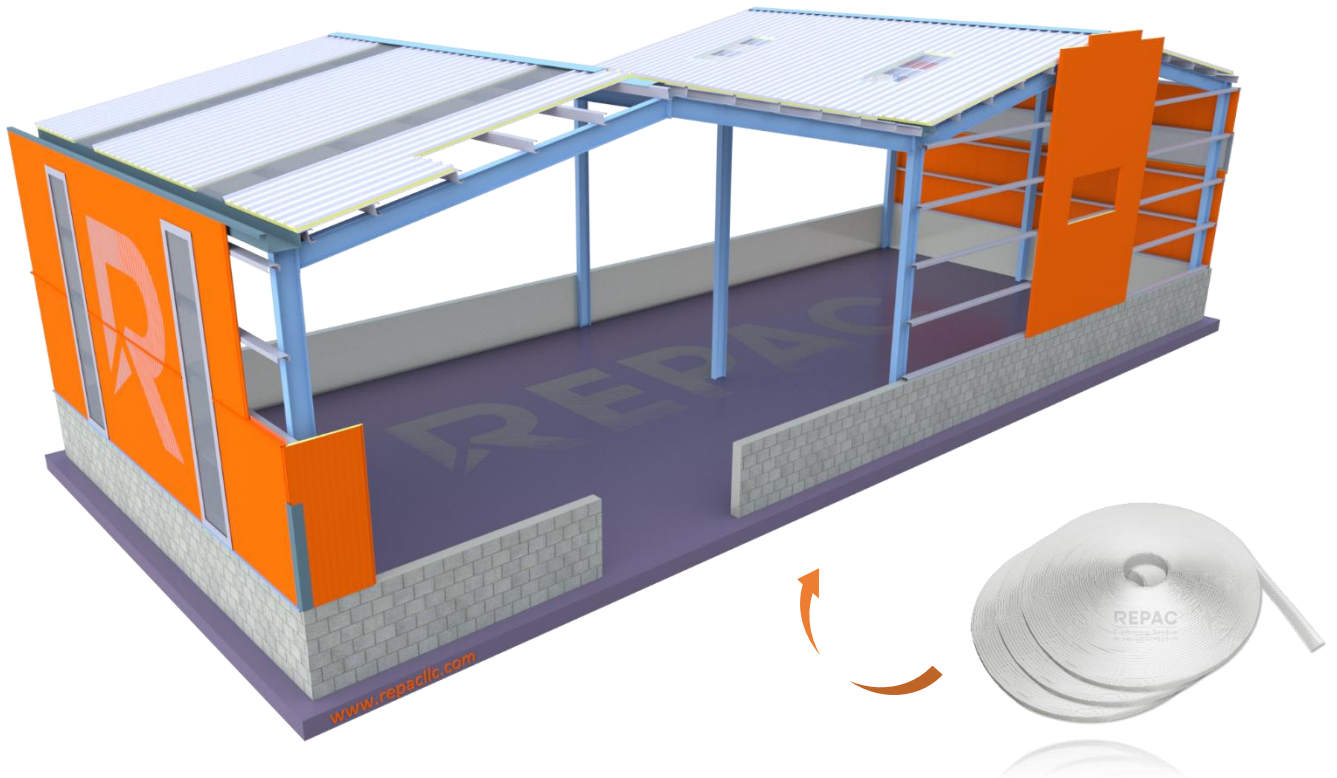




## APPLICATION

### PROPERTIES

Application temperature range: +5oC to +45oC  
Service Temperature Range: -40oC to +90oC  
Shelf life: 24 months when stored flat in original packaging in cool, dry conditions.



## INSTRUCTIONS

### Surface preparation:

All surfaces should be clean, dry and free from frost, grease and loose materials.

### Application:

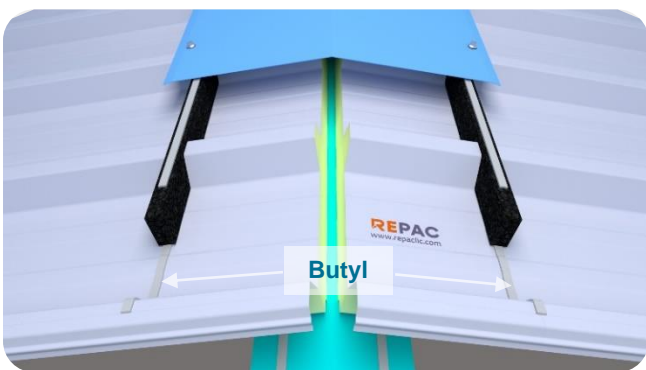
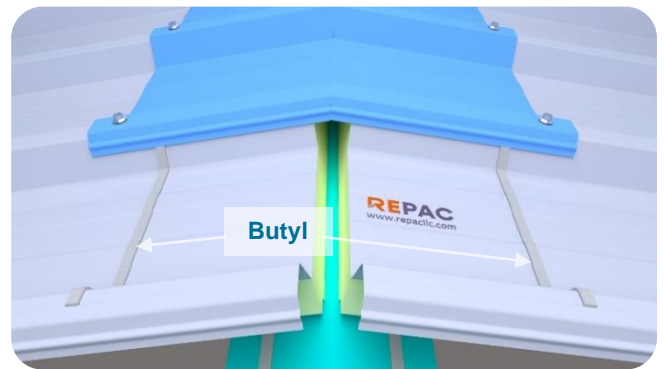
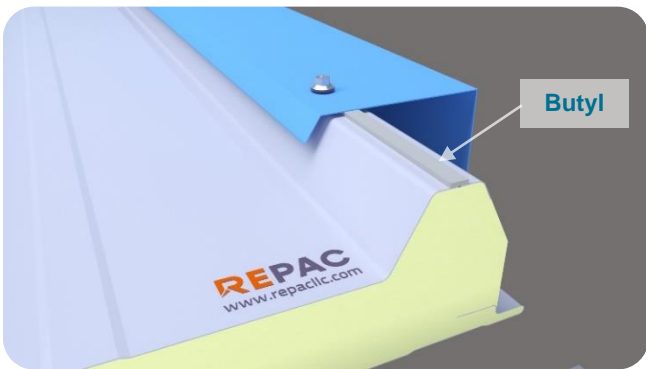
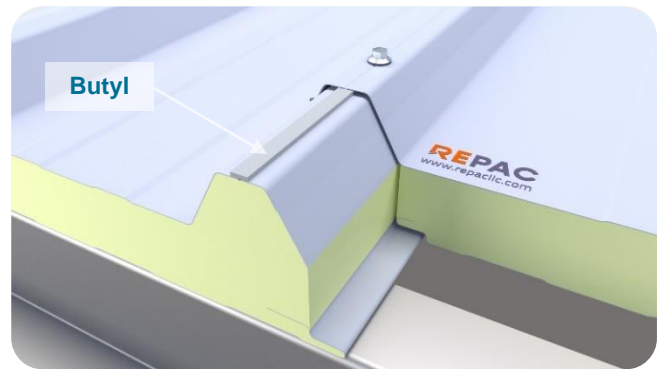
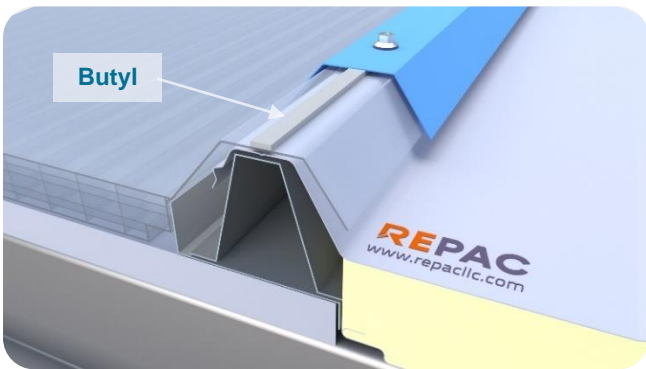
Apply direct from the reel onto one surface and press sufficiently along its whole length to achieve good initial.

### Adhesion:

Remove backing paper and offer other surface to the sealant and push firmly to seal across the joint.

## USES

- External sandwich panels - sealing end and side laps in roofing systems.
- Metal Liner Sheeting - sealing end laps.
- Sealing roof polycarbonate.
- Ridge cap and eaves sealing.
- With corrugated rubber.
- Sealing metal flashings.
- Sealing penetrations to roof and wall cladding.





## PERFORMANCE & TECHNICAL SPECIFICATIONS

PERFORMANCE				
	UNIT	NOMINAL VALUE	TEST METHOD	
Tensile Adhesive Strength	N/cm <sup>2</sup>	35	H5	
Dynamic Shear Adhesion	N/cm <sup>2</sup>	12	H15	
180 ° Peel Adhesion (to galvalume; anodized aluminum; mill finish aluminum; PVF, PVC plastisol & polyester coated steel; fiberglass)	N/mm	1.2	H41	
Specific Gravity (Density)	-	1.8 (1.82g/cm <sup>3</sup> )	H6	
Yield Strength	kPa	50	ASTM C908	
Elongation at Break	%	350	ASTM C908	
Loss of weight	%	<0.5	H55	
Moisture Vapour Transmission Rate	g/m <sup>2</sup> /24hr/mm	0.15	ISO9932 / BS ISO 15106	
Needle Penetration	dmm @25°C	67	ASTM C782	
Cone Penetration	at 25°C (77°F)	dmm	55	ASTM C782/D217
	at 49°C (120°F)		83	
	at -18°C (0°F)		22	
Movement Accommodation	%	15		
Air Leakage	at +75Pa	m <sup>3</sup> /hr/m <sup>2</sup> (cfm/ft <sup>2</sup> )	0.0157 (0.00088)	ASTM E1680
	at -75Pa		0.0101 (0.00055)	
	at +300Pa		0.0652 (0.00368)	
	at -300Pa		0.0667 (0.00365)	
Water Penetration	-	No leaks	ASTM E1646	
Volatile Organic Content	g/l	0		

H - HS Butyl Test Method

## PACKAGING

4.0 mm x 6.0 mm (12m) x 30 reels 	Available colors: Grey
2.4 mm x 9.5mm (19m) x 30 reels 	

## TOLERANCES

Rectangular sections:	Thickness ± 10%	Bead sections:	Thickness ± 10%
	Width: up to 25mm ± 1mm		Width ±10%
	26mm to 100mm ± 2mm		

The information given in this product data sheet is based on laboratory tests and experience, which we believe to be correct.