



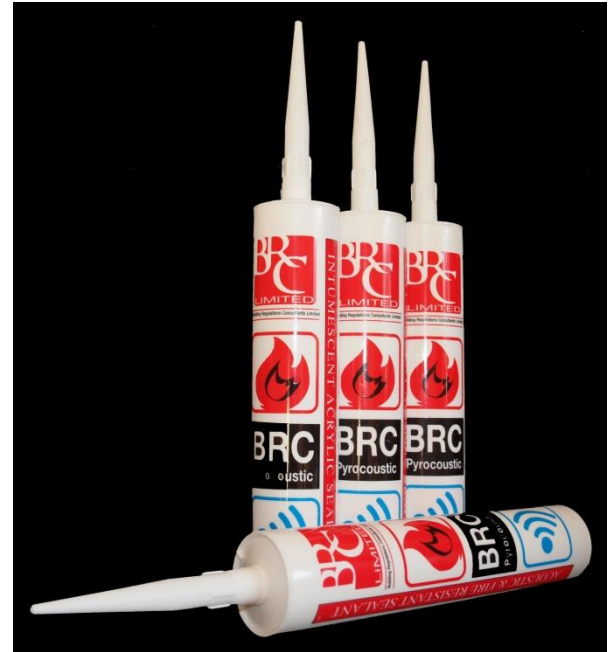
BRC PYROCOUSTIC SEALANT APPLICATION

Performance

BRC Pyrocoustic Fire & Acoustic Sealant swells under heat conditions giving a fire & smoke resistant seal. It has a 4 hour fire rating – tested to EN1366-4 and offers up to 57dB in normal use and will maintain the sound reduction index of a structure.

It has been tested in both vertical & horizontal joints and offers good adhesion to a wide variety of substrates. It has a Joint movement capability of +/- 15%.

Halogen free. Resists fungi and vermin.



It consists of a medium viscosity paste containing acrylic emulsion, inert fillers and fungicide.

Colour: White

Can be over painted: Yes

Application

BRC Pyrocoustic Fire & Acoustic sealant is supplied in 310ml tubes and is applied using a sealant gun. An acrylic sealant for the use in filling gaps up to 50mm in width in fire walls with a fire rating up to 240 minutes and/or in gaps where maintaining an acoustic performance is required.

| | |
|--------------------|---|
| 0-25mm gap | BRC Pyrocoustic Sealant alone |
| 25-50mm gap | BRC Pyrocoustic Sealant with polyethylene or mineral fibre backing |
| 51mm + gap | Fire Rated Double Ablative Coated Batt |



BRC PYROCOUSTIC SEALANT APPLICATION

Application (cont'd)

CALCULATING SEALANT USEAGE:

The formula below will give an estimated number of 310ml cartridges required for any given project.

$$\frac{\text{Gap width (mm)} \times \text{depth (mm)} \times \text{Total length}}{310} = \text{No of cartridges required}$$

The chart below details the Linear Meterage per 310ml cartridge depending on the width and depth of a gap.

| GAP (mm) | WIDTH | | | | | | | |
|-------------|-------|----|----|----|----|-----|-----|----|
| DEPTH | 3 | 4 | 6 | 8 | 10 | 15 | 20 | |
| 4 | 25 | 18 | 13 | 10 | 7 | 5 | 3.8 | Lm |
| 5 | 20 | 15 | 10 | 7 | 6 | 4 | 3 | Lm |
| 6 | 17 | 13 | 8 | 6 | 5 | 3.5 | 2.5 | Lm |
| 8 | 13 | 10 | 6 | 5 | 4 | 2.5 | 2 | Lm |
| 10 | 10 | 8 | 5 | 4 | 3 | 2 | 1.5 | Lm |