



## PRODUCT DATA SHEET

# Firebreak 33 Silicone Sealant

<b>DESCRIPTION</b>	<b>Firebreak 33</b> is a one part, fire resistant, neutral curing silicone sealant to be used in situations where a flexible fire resistant joint is required
<b>APPLICATIONS</b>	<ul style="list-style-type: none"> <li>• Construction joints in fire separating wall and floors</li> <li>• Glazing applications including curtain walls</li> <li>• Around metallic pipes and other small service penetrations</li> <li>• Seating for fire resistant grills; intumescent pipe closers; etc.</li> </ul>
<b>CHARACTERISTICS AND FEATURES</b>	<p>Features of <b>Firebreak 33</b> include:</p> <ul style="list-style-type: none"> <li>• 4 Hours' fire resistance and with movement capability of +/- 25%</li> <li>• Independently fire tested and assessed to the requirements of BS 476 : Part 20 : 1987 &amp; BS EN 1366-4 : 2006</li> <li>• in wall and floor joints up to 40mm wide using standard PE backing rod</li> <li>• Excellent adhesion to most building substrates, including porous materials, without the use of primers</li> <li>• Good durability</li> <li>• Low smoke</li> <li>• Class 1 flame spread characteristics to the requirements of BS 476:Part 7:1987</li> </ul>
<b>DIRECTIONS FOR USE</b>	<p>Surfaces to be sealed should be clean, dry and dust free.          Apply between +5°C and +40°C.          Tool the sealant with a dry spatula within eight minutes of application.          A joint width:depth ratio of 2:1 is recommended.          Store in cool, dry conditions at temperatures between +5°C and +30°C.          Calculation of product requirement = [gap width (mm) x seal depth (mm) x gap length (m)]/310 for 310ml cartridges. Divide by 600 for 600ml foils/sausages</p>
<b>LIMITATIONS</b>	<p>It is the user's responsibility to determine suitability of use. It is recommended that a sample test be undertaken before use, as a primer may be required on certain substrates. <b>Firebreak 33</b> is not to be used to seal aquariums, swimming pool joints, in food contact applications or for structural glazing applications.</p>
<b>SAFETY</b>	<p>In case of contact with eyes, flush immediately with water and seek medical attention. Keep out of the reach of children. Do not ingest. For further details please refer to the Materials Safety Data Sheet. Contains: 2-Butanone Oxime          Professional use only          Do not breathe vapour          Irritating to eyes          Wear suitable protective clothing, gloves and eye and face protection          Use only in well-ventilated areas          Avoid contact with skin and eyes</p>
<b>CLASSIFICATION</b>	ISO 11600 - F&G - 25 LM

Since the product is applied under circumstances beyond our control, Neutron Fire Technologies Ltd can accept no direct or consequential liability whether in contract or in tort, for the interpretations of such recommendations and reserves the right to modify the recommendations as necessary.