

# Firebreak 55 Putty

<p><b>DESCRIPTION</b></p>	<p><b>Firebreak 55 Putty</b> is a one part, non-setting fire resistant intumescent compound designed for sealing gaps around services penetrating fire resistant construction, thereby maintaining the fire integrity and insulation performance of the floor or wall.</p>
<p><b>APPLICATIONS</b></p>	<ul style="list-style-type: none"> <li>• Gaps around metal pipes penetrating fire separating walls and floor</li> <li>• Gaps around electrical cables penetrating fire separating walls and floors</li> <li>• Sealing cables within cable trunking when passing through fire separating walls and floors</li> <li>• Seals around penetrating services where accommodation of thermal or mechanical movement is required</li> <li>• Seals around penetrating services where frequent modification is required</li> </ul>
<p><b>CHARACTERISTICS AND FEATURES</b></p>	<p>Features of <b>Firebreak 55 Putty</b> include:</p> <ul style="list-style-type: none"> <li>• Up to <b>240 Minutes Fire Resistance</b></li> <li>• Independently fire tested and assessed to the requirements of <b>BS 476 : Part 20 : 1987</b> and additional guidelines from <b>prEN 1366-4</b> and to other International Standards</li> <li>• Fire tested in both horizontal and vertical orientations</li> <li>• Manufactured to the requirements of BS EN ISO 9001 : 2000</li> <li>• No mixing required</li> <li>• Easily installed by hand and/or using simple tools</li> <li>• Remains flexible to allow for thermal and mechanical movement of services</li> <li>• Intumescent material unaffected by fungal attack, moisture or CO<sub>2</sub></li> <li>• Free of asbestos, fibres, silica or halogens</li> <li>• Exceptional long shelf life</li> </ul>
<p><b>LIMITATIONS</b></p>	<p>It is the user's responsibility to determine suitability of use.</p>
<p><b>DIRECTIONS FOR USE</b></p>	<p>Contact surfaces should be clean, dry and dust free. Pack <b>Firebreak 55 Putty</b> into the opening and around the penetrating service to the required depth to achieve the specified period of fire resistance. Smooth of exposed faces of seal as required using steel spatula or similar. Clean any tools used with water.</p>

Firebreak 55  
Putty Data Sheet

**Firebreak 55 Putty** may be used to seal openings around penetrating cables, including power cables; steel cable conduit; steel cable trunking; steel pipes; copper pipes and plastic pipes. 120 minute fire resistant seals are presented in the following Table:

120 MINUTES FIRE RESISTANCE (Integrity and Insulation)	
Opening Size (mm)	Minimum Seal Depth (mm)
Up to 30 dia.	20
31 to 60 dia.	40
61 to 100 dia.	60
125 x 125	80

**FIRE SEAL DESIGNS**

In the case of cable trunking **Firebreak 55 Putty** should be packed around the cables inside the trunking for the same depth where it passes through the seal. Where 120 minutes insulation is required to metal services a minimum seal depth of 80mm is required. In the case of plastic pipes they should be fitted with a **Firebreak 120 Pipe Collar** or **Pipe Wrap** and the opening should be filled to the full depth of the construction.

For seals designs in excess of 120 minutes please refer to supplier.

**STORAGE AND DISPOSAL**

**Firebreak 55 Putty** should be stored between 5°C and 30°C. It should be protected from freezing. Shelf life is 2 years. Waste product is considered to be non-hazardous.

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.



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