NS FIRE ®
PUTTY

Product name	NS Fire® Putty
Product Code	C1000
Revision Date	15/11/2016
Revision number	02
Ref	PDS NSP

INTRODUCTION

NS Fire® Putty is a solvent free putty for fire barriers up to 240 minutes. It is designed as a joint filler and sealer for use in penetration seals. Tested to EN1366-3 on C1, C2 and D1 Type Cables, Cable Trays and Metallic Pipes.

NS Fire® Putty is designed to remain flexible allowing for thermal and mechanical movement of services around complex and irregular shapes through walls or floors.

The advantages of NS Fire® Putty are as follows:

• Fire resistance testing to EN 1366-3 EI 120, and BS 476 pt 20/22 240mins.

• Fire Classification to EN 13501-2.

• Certifire 3rd Party Accreditation CF 515.

• Acoustic Isolation to EN 10140 to 65dB.

• Fire resistance tested in flexible walls, rigid walls and floors.

• Tested in large service openings up to 250 x 150mm.

• Tested with Metallic Pipes, Cables, Cable Bunches, Cable Trays and Cable Ladders.

• Causes no known effects to plastic pipes, plastic cables, sheathing or metallic components.

• Contributes to Green Building.

• Non-setting compound.

• Highly flexible and water resistant.

• Halogen free, resists fungi and vermin.

• Shelf Life 60 months.

SPECIFICATION

Packaging	1kg Pail & 20kg Pail
Colour	White, Red, Grey or Brown
Density	1.55 g/cm³
pH Value	8.2
Solids	82%
Shore A Hardness	50
Application temperature	+5°C to +45°C
Water Resistance	Good when fully cured
U.V Resistance	Good
Joint Movement	±10%
Fire Resistance	EN 1366-3 - EI 120 & BS476 - 240 mins
Fire Classification	EN 13501-2

INSTALLATION

Installation details and technical support are available from FSi technical department or on the internet at www.fsiltd.com

• Clean all loose material and foreign matter from the opening.

• Free from dust and oil.

• Ensure that services are in place.

• Pack the NS Fire® Putty around the service into the opening to the required depth.

• Joint should be dry to the touch within 2 hours.

• Equipment can be cleaned with water.

• Inspect the workmanship of the seal and maintain a record.

For further information see Installation Manual.

COMPLIANCE

NS Fire® Putty is are manufactured in the EU, meeting the highest quality standard in compliance to BS EN ISO 9001:2008. For fire test certification contact FSi technical department.

CERTIFIRE No. CF515

STORAGE AND DISPOSAL

NS Fire® Putty should be stored between 5°C and 30°C. It should be protected from freezing. Shelf life is 5 years. Waste product is considered to be non-hazardous.

ENVIRONMENT

FSi contribute to Green Building by having a manufacturing policy of 100% recycle and 0% landfill for all products. NS Fire® Putty contributes to a Green Building :-
Low VOC (air quality).
No Power Tools required for installation (no energy source required).
Dust free.
Low Ozone Depletion Potential (ODP).
Low Global Warming Potential (GWP).
No water pollution.
Smoke and Air Tightness.
Noise Reduction.
Thermal Insulation.
Recycling of Packaging.
Avoidance of Air Filtration.
Does not emit halogenated by-products.
Contains no raw materials known to have an estrogenic effect.
The life cycle of NS® Putty is over 25 years.