

Selection Data

Generic Type A single pack, high build filler based on thermoplastic acrylic resin and hydrocarbon solvent for the repair of damaged areas.

- General Properties**
- High Build – thicknesses of up to 120 mils can be applied in one application.
 - Decorative Finish – can be abraded back to a smooth surface to match the surrounding intumescent basecoat.
 - Universal – can be used for repair of all Nullifire intumescent basecoats internal and external (S605, S606 & S607).
 - Easy to use – No mixing required. Can be used direct from the can.

Recommended Uses

Nullifire System S Filler is designed as a repair material for small areas of damage to the Nullifire Intumescent Basecoats S605, S606 and S607.

Once applied and thoroughly dry it can be topcoated to match the surrounding finish.

NOT RECOMMENDED FOR: Areas of damage that exceed 1 square inch.

Physical & Mechanical Properties

Color	White
Specific Gravity	1.45
W.P.G.	12.09 lbs.
Solids by Volume	90%
Wet Film Thickness/Coat (max)	Putty knife 120 mils
Flash Point	90°F
Drying Time	3-5 Days at 50°F
Topcoating*	Minimum 5 days at 50°F

* System S. Filler must be thoroughly dry prior to topcoating.

Ordering Data

Contact your local Carboline representative or contact the Carboline Fireproofing Division at 800-848-4645.

Shipping Weights

Weight per gallon	12.09 lbs.
Pack Size	2.21 lbs.

Nullifire® System S Filler

Application Checklist

Before beginning the application of Nullifire System S Filler, ensure that:

- Adequate surface preparation has been carried out.
- The System S Filler has been stored correctly.
- Application equipment is available.
- Site conditions are within specification.

Surface Preparation

The surface preparation required prior to the application of System S Filler is dependent upon the nature of the damage to be repaired.

For minor scratches to the basecoat, which has not been topcoated and where there is no damage to the primer, the only preparation required is to abrade any coating which is above the basecoat surface and ensure the surface is clean and dry.

Where the damage is more severe, resulting in damage to the primer system exposing bare steel, the primer should be touched up with a compatible primer and allowed to dry before applying the System S Filler. It may be necessary to remove a further area of basecoat surrounding the exposed steel to facilitate the primer touch-up depending on the scale of the damage.

Application Conditions

Nullifire System S Filler should be applied in dry conditions when the air temperature is between 35°F and 95°F. The relative humidity must be below 80%.

Application Procedures

Nullifire System S Filler is supplied ready for use and is designed to be knifed or trowelled into area of repair. Prior to use, the product may require some mixing if there is any sign of settlement in the can.

Upon drying, the filler will shrink slightly (approx. 10%) and therefore, the filler should be applied slightly above the surrounding area. Once dry, it can be abraded back to the original thickness.

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Thickness Requirements

The maximum recommended thickness in one coat is 80 mils to 120 mils. Applications over 120 mils in one coat may result in cracking and extended drying times.

Drying Times

For applications below 80 mils; the filler should be left to dry for a minimum of 3 days before topcoating at temperatures above 50°F. If temperatures drop below 50°F, a longer drying time may be required.

Storage

Nullifire System S Filler should be stored in dry conditions between 32°F - 95°F (0°C - 35°C).

Shelf life is 12 months if stored properly in a sealed can.



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