

### Introduction

Technical guidance notes are intended to confirm and/or to expand further, the already tested fire stop systems available from FSi Limited. The guidance notes provide advice for specifiers, designers and installers on specific applications, configurations or aspects of fire stopping systems and materials. The document offers guidance on effective and feasible recommendations which may assist with selection criteria for a project, moreover this practical advice will help building owners and those responsible for maintaining and installing fire stop systems.

This technical guidance note covers the rising concern of the over paintability of Stopseal® Batt.

### FSi Guidance

FSi would never advised to over paint any fire resistant product, including Stopseal® Batts, with any solvent based product, however over painting with some water based products may be possible, once they have been checked for compatibility.

To test for compatibility, FSi would advise that a small sample of Stopseal® Batt be coated with the proposed paint to the required thickness and then left to dry/cure. The effects of this process, if any, can then be evaluated for compatibility.

### Guidance Notes

The performance is usually evaluated as a broad assessment of over paintability, focussing on certain aspects:

### Wet Effects

- Reticulation/fish eyes
- Flow of paint/wet surface finish
- Effect on drying time of the Paint/coating compared

### Cure Effects

- Effects of paint on cure/drying of sealant
- Effect of sealant on drying/curing of paint

### Aesthetic

- Colour difference between painted sealant and painted substrate
- Bloom
- Discoloration
- Surface cracking of paint only?
- Adhesion of paint to sealant

### Mechanical

- Microcracking on surface resulting in crack initiation through to sealant
- Detrimental effect of paint on adhesion of sealant to substrate
- Effect on Durability