



THERMACOUSTIC® INDUSTRIES INTERNATIONAL LIMITED

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TC-SSP (Surface Seal & Protect)

This product is designed to provide a “harder”, yet somewhat flexible surface than is normally achieved when installing TC-417. However, it will not stiffen up the underlying surface below its depth of penetration and it will not increase the cohesive/adhesive strength below that point.

SSP may also be used to provide a harder surface on our AF90 finished ceiling material.

Advantages:

- a) One coat produces a harder surface than is achieved with two or more overspray coats using regular TC-417 adhesive. This means that, in some circumstances, it can eliminate at least one coat of regular adhesive while providing the desired increase in hardness;
- b) The thickness of the hard surface can be increased (if desired) by:
 - I. Applying more material per coat per area;
 - II. Applying succeeding coats.

Coverage:

This material can be applied to:

- a) Installed, dry **TC-417** or **AF90**;
- b) Other manufacturer's products (see below).

Note:

- a) **SSP** is supplied in US 5 gallon (18.9 litre) buckets and is to be applied **undiluted**;
- b) Coverage may vary according to:
 - I. Moisture content of the TC 417 or other material. **SSP** will most likely penetrate further into a still-damp surface than into a dry one;
 - II. Density of the TC-417 or other substrate material;
 - III. Surface texture of the insulation;
- c) Expected **average coverage per US 5 gallon/18.9 litre bucket** at recommended mil thickness is:
 - I. 6 mil 534 ft² (49.6 m²)
 - II. 8 mil 400 ft² (37.2 m²)
 - III. 10 mil 320 ft² (29.7 m²)
 - IV. 12 mil 267 ft² (24.8 m²)

Note: Re Film Thickness: Some competitive products are applied as much heavier films. **TC-SSP is designed to produce the same result as these heavier coatings without the additional cost and added mass.**

Application:

Apply using any good quality HVLP spray system. Follow the manufacturer's recommendation for spraying a homogenous mixture with a viscosity of approximately 2000 cps.

TC-SSP may be applied over any insulation material such as rock wool, fibreglass or cellulose, but it cannot be applied directly over spray foams that require addition of a 15 or 20 minute fire barrier. However, it can be applied over the fire barrier material or other fireproofing installations.

Warning! Be sure to verify surface compatibility with SSP before spraying over a non-ThermaCoustic product. We suggest applying SSP to a small area of the product to be oversprayed, allowing it to dry, and checking for discolouration, lack of adhesion or any other problem.

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