



<p align="center"><b>Technical Data Sheet Issue Date: 14-01-05</b></p>		<p align="center"><b>Product Code: VT-410 VitalCoat</b></p>
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**Recommended Film Thickness & Coverage:**

20 wet mils (approximately 0.5 mm) per coat is minimum requirement to achieve effective long term waterproofing and weatherproofing.

For the multicoated application, at least 1kg (or more on porous or uneven substrates surface) per meter sq. per coat is required to achieve at least 1mm dry film thickness on flat finished surfaces.

**Preparation:**

*Surface Preparation:* The surface to be painted must be clean and dry, free of oil, dust, grease, mildew, loose and peeling paint. Masonry surfaces should have a pH of 9.5 or less before VT410 VitalCoat is applied to achieve maximum performance. Remove the mildew by scrubbing until clean with a commercial mildew cleaner.

If there is the cracks more than 4 mm in width, proper elastomeric patching compound need to be applied prior to applications of VitalCoat.

*Thinning:* Not required, but if desired use up to 10% of water in volume to improve flow and adhesion of coating especially on porous surface. Do not over-thin.

**Directions:**

Apply the VitalCoat by brush, roller, spatula or airless spray apparatus (diameter of the nozzle: 0.018"-0.026" min, spraying pressure: 165 bar).

For the permanent sealing and waterproofing result, it is necessary to apply two coats or more, with the first coat allowed to dry before applying the second coat at the right angles on the first coat and the dry film thickness should not be lease than 1mm per coat.

Each coat should be allowed at least 2 to 3 hours to be dried. Drying time may vary depending upon wet film thickness, temperature, humidity and air movement.

For reinforcement purpose, an glass fibers may be incorporated on to uncured first coat and apply with the second coat before it totally dry.

Wet material an all tools and equipment may be cleaned up with water. Clean with water when wet, but with white spirit when dry.

Protect the coating surfaces from frost and rain until fully cured. The maximum durability is obtained if the coating is left 7 days for full curing. Do not wash this coating before that. May be wash with mild liquid detergent and soft cloth or sponge, then rinse.

**Safety and first aid directions:**

Non-flammable when wet

Avoid contact with eyes, skin and mouth.

Use in well ventilated area. In case of contact with eyes, flush with water immediately for 15 minutes. If irritation persists, seek medical attention. If swallowed, get medical attention.

Keep out of reach of children.

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**Storage:**

Store under cover, in dry and cool place with temperature between 5°C - 40°C. Protect from excessive heat and freezing. Use within 12 months from date of production.

**Special Note:**

**All data and information is based on the non-tinted, white color formulation.**

**IMPORTANT!** Color may be varying slightly from batch to batch. Check the color and “box” this product on jobsite. Color may vary with texture, lighting and sheen. Verify color **before** applying.

**ALGAE AND FUNGUS RESISTANCE:** This paint contains an agent that inhibits the growth of algae and fungus on the surface of this paint film. However, no paint can completely prevent the growth of algae and fungus under circumstances ideal for its growth; therefore, Vital Technical assumes no responsibility for algae and fungus development.

READ AND FOLLOW DIRECTIONS CAREFULLY  
REFER TO MSDS FOR PROPER HANDLING

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