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JPS Coatings Wall System for the NRG Greenboard™ Wall Panel

DESCRIPTION:

NRG Greenboard™ is a open cell insulation panel designed for thermal and moisture resistance for use on residential and low-rise commercial type buildings, the **NRG Greenboard™** panel is available in a range of thicknesses providing the user with an exterior wall solution ready for the applied finish.

INSTALLATION:

- Building workmanship must comply with relevant building codes and be in accordance with the current **NRG Greenboard™** Technical Document specifications.
- All exposed corners of **NRG Greenboard™** panel must be protected with uPVC or other exterior grade beads.
- The substrate must be clean, dry and free of all powdery residue or any other contaminants that may interfere with adhesion. The surface preparation is the responsibility of the Builder / Renovator / Main Contractor and the Applicator.
- Fix all beading with a suitable polystyrene compatible adhesive.
- Refer to Product Data Sheet and Material Safety Data Sheet before use.

APPLICATION INSTRUCTIONS:

Mix 1 x 20kg bag of JPS Coatings Patch `Em-Up with 5 - 5.3 litres of water to obtain correct lump free consistency using a power stirrer or similar device. Care should be taken to ensure JPS Coatings Patch `Em-Up is thoroughly mixed; allow the mix to stand for 5 minutes, remix before use or before adjusting consistency if required. Dependant on the ambient temperature and the desired consistency, the amount of water required may vary slightly but should not exceed 5.5 litres per 20kg bag of JPS Coatings Patch `Em-Up. Excess mixing water may result in surface crazing, cracking and as well as delaminating. JPS Coatings Patch `Em-Up is applied by hawk and trowel to a thickness between 2mm to 4mm to the surface from the bottom upwards in a single layer to the required thickness. Whilst wet; apply 160gsm non adhesive alkaline resistant fiberglass mesh into the render ensuring that the mesh is fully encapsulated within the base coat. Always remember to overlap the mesh joints by approximately 100mm. JPS Coatings Patch `Em-Up is then finished by screeding with a straight edge, finishing with plastic diamond or polystyrene float. Care should be taken not to overwork the surface area.

DISCLAIMER: All information is deemed reliable and has been provided in good faith and believed to be appropriate and reliable by JPS Coatings. JPS Coatings will not be held responsible or liable for poor or faulty workmanship, structural and substrate conditions. However any advise, recommendation, information, assistance or service provided by JPS Coatings is provided without liability or responsibility.

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APPLICATION INSTRUCTIONS CONTINUED:

Allow to dry overnight and longer in colder periods; when totally dry apply one (1) coat of JPS Coatings Pro-Render or one (1) coat of JPS Coatings Fastwall acrylic render to even out the entire wall to a thickness of approximately 2mm. The render is then finished by polystyrene float to achieve an even and true surface. A further leveling coat is required only if the previous mesh coat is not of a satisfactory standard for the application of the subsequent texture coating. Care should be taken not to overwork the surface. Do not render or texture over control joints. The above is a generic guide only. Refer to the proprietary coating manufacturer's instructions for a detailed description of application. Any proprietary coating system specified must meet a full system warranty. All JPS Coatings render products will dry at 25° C and 50% relative humidity normally in 2-5 hours, however drying will take longer at lower temperatures or higher relative humidity.

- Allow 5-7 days for render to cure prior to commencing the protective prime coat.

PRIMER:

JPS Coatings Primer is a water acrylic based coating, formulated on pure acrylic emulsion that conditions the surface substrate porosity in a single application. The primer is applied to the substrate to unify the substrate porosity, it ensures maximum adhesion and an excellent key ensures consistent appearance and finish of the total system. A 20mm or long nap roller is recommended for coating the render surface.

- Apply a single coat at a rate of 6.6m² -8m² per litre (approx 100-120sq/M per pail)
- Allow 45 minutes to dry before texture application.
- JPS Coatings primer can be tinted to required color.

DECORATIVE COATING:

The texture coat provides the desired look, integrity, flexibility and long term durability to the entire cladding system. The Trowel-On texture is generally a one coat application, firstly using a stainless steel trowel to spread evenly and secondly floating off with a plastic float.

The Roll-On is also a one coat application, using different types of roller profiles changes the esthetics of the coating. Color is matched to an extensive range of paint manufacturers systems.

- Apply the selected Trowel-On or Roll-On texture as per the current version of the Product Data Sheets (PDS).

Application must be carried out in a brisk uniform fashion, terminating only when a whole area or section is completely coated, for example, at a natural break, expansion joint or corner. **DO NOT** texture over control joints.

- Allow a minimum 48 hours for coating to dry prior to commencing the membrane / decorative top coat.

MEMBRANE / DECORATIVE SEALER:

JPS Coatings Tex-Guard is a water based acrylic coating that is applied to the texture coating to ensure long term exterior durability and water resistance, resists pollution, chemical attack, reduces dirt accumulation, excellent resistance to cracking, flaking and chalking, giving you a total durable flexible acrylic coating.

JPS Coatings Tex-Guard has a spreading rate of approximately 3m² per litre (depending on surface being applied) assuming no loss. Practical spreading rates will vary due to such factors as method and conditions of application

- Apply the selected top coat as per the current version of the Product Data Sheets (PDS).

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WARRANTY:

JPS Coatings provides a material replacement warranty against any defects in manufacture resulting in bubbling, peeling, cracking or other environmental for a period of seven (7) years from the date of application;

PROVIDED THAT:

- 1. The above product(s) is/are applied by a skilled applicator in accordance with the Manufacturer's specifications and in accordance with Manufacturer's recommended methods of application.**
- 2. The applicator inspects the substrate and agrees that the substrate is ready to apply the applied finish.**
- 3. Invoices for JPS Texture Coatings must clearly state date of purchase, products involved, address of site / building and relevant batch numbers.**

JPS Coatings provides no warranty expressed or implied against cracking due to movement of the substrate or structure. Consult the JPS Coatings Warranty conditions for further details

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