



DuSpec Guideline Sheet

DULUX AcraTex Coating System for:

BUILDITECO Rebated Jointed SUPABOARD™ Cladding.

Substrate:

Supaboard™ is a Magnesium Oxide Cement Cladding Systems.

Supaboard is a high-impact construction board that is well suited for both exterior and interior applications. It is highly resistant to abrasion, extremely tough and non-combustible.

Magnesium Oxide Cement panel requiring the use of AcraPrime Solvent Based or AcraPrime TXT additional to traditional Fibre cement sheet rebated jointed coating system due to surface profile and compaction.

The face of any formed or moulded Magnesium Oxide cement surface may contain release oils and additional care must be taken to ensure cleaning /removal of all contaminants prior to coating system installation.

This coating specification does not constitute Dulux endorsement of any walling or cladding system or the suitability of building envelope / building system to meet the specific requirements of a given project.

Users of this specification will satisfy themselves of the suitability of this specification / advice, relevant to their specific project requirements. In all cases Building System Design must conform to relevant Local / Building Codes or regulations and be in accordance with substrate supplier's recommendations. Users must make their own determinations as to the suitability of this material relevant to specific requirements.

Substrate Preparation:

As required the need for frame detail and/ or panel fixing must comply with relevant building codes and be in strict accordance with BuildItEco manufactures instructions & recommendations.

Dulux AcraTex recommends suitable expansion/contraction relief joints be installed at natural building weak points e.g. in line with openings (window / doors), at all horizontal multi-levels, and at all interfaces of different building construction materials and or as defined by Engineer.

All fixings must be non-corrosive, suitable for the exposure condition and be in accordance with substrate supplier recommendations.

Panel Face & Joint Alignment

Panel alignment is critical in all lost formwork systems and specific attention must be given to control of joint & sheeting alignment. Ensure that all joints between panels accurately align and floor-to-floor alignment ensures a true and flat plane across the elevation.

It is the responsibility of the panel installer to ensure all joints or major imperfections, misalignments are filled and sanded true & flush before applying any coatings system. Remove all surface contaminants such as oil, grease or dirt, dust by hosing suitable detergent /pressure wash before coating.

NOTE: WHERE MAJOR MISALIGNMENT OCCURS REFER TO DULUX AcraTex FOR RECOMMENDATIONS.

Priming, Jointing & Texturing System:

BUILDITECO SUPABOARD™ COATING SYSTEM	Data Sheet	Application Rate	Recoat ** @25°C & 50% RH
PRIMER: DULUX AcraTex AcraPrime TXT Line Shade 194-86068 Apply with a Medium nap roller over the entire surface include rebate joint ensuring a wet edge is maintained over the whole application area.	AU_DA01887	Min 107um 4.0.sq m2 per litre	4 Hours
REBATE JOINT FLUSHING DULUX AcraPatch Course Line Shade 194-20806 Mix AcraPatch Course with 10% Portland Cement and apply to joint recess and immediately install Acratex Reinforcing Tape into the wet AcraPatch followed by further AcraPatch to fill the recess. Application of AcraPatch should be 'wet on wet' to insure maximum integrity of the joint.	AUSA 2925	12 m2 per Litre	8 hour
BASE COAT DULUX Acratex – AcraPatch High Build Line Shade 194-85841 Mix Ratio 15L AcraTex 500/11 AcraPatch HB; 300mls Portland Cement (5%) Use a power mixing device to incorporate 5% cement Ensure that all imperfections are filled, work away from the sun (in shaded areas). Apply with Tex Spray, Hopper Gun or Hawk & Trowel evenly over surface to an overall minimum thickness of 2mm , to a Maximum film thickness of 6mm in a single pass. DO NOT overspread the material. Follow up with a light 'floating' process to level out the product using a polystyrene float or red plastic trowel.	AUDA0440	0.8L / m2 / mm 1x15L AcraPatch HB will cover 6 m2 @ 2mm thick	16 – 24 Hours
TEXTURE COAT DULUX Acratex – Coventry Coarse L/ Shade 194-85753 NB Coventry Coarse colour must have a LRV greater than 40% Apply with Hawk & Trowel evenly over surface to the thickness of the largest particles. Follow up with a light 'floating' process to level out the product using red plastic trowel/float.	AUDA1065	0.8 m2 per Litre	Recoat after 16hrs Protect from frost & rain in first 24 hours
EXPANSION JOINTS It is recommended that all control joints be filled after the Texture coating system has been applied using a suitable (paintable) polyurethane joint sealant. Care must be taken to ensure joint remains free of Texture material during application, or joint is cleaned out prior to sealant application. Subsequently colour coating over the joint sealant can be accomplished with the specified system topcoat If the joints are sealed/ filled first, the texture coating shall not be applied over such sealed joints. (masking is recommended) <i>Cracking of colour coat material applied over joint sealants may occur due to the design movement of the joint system. Such cracking is not indicative of coating system failure.</i>			

DISCLAIMER:

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The data provided within the DuSpec system is correct at the time of publication, however it is the responsibility of those using this information to check that it is current prior to specifying or using any of these coating systems.

This specification should be read in conjunction with the Product Datasheets specified within this document.

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DULUX AcraTex Coating System for:

BUILDITECO rebated jointed SUPABOARD™ Cladding.

Coating System:

<p>Top Coat - 968 AcraSkin L/Shade 194-85675 (Pastel Base.) NB AcraSkin colour must have a LRV greater than 40%</p> <p>Apply with a 12mm nap roller over the surface ensuring a wet edge is maintained over the application area. Whilst one coat will provide adequate protection and resistance to the elements, Dulux recommends 2 coats applications for even coverage to minimising "cutting in" and "lap mark" effects and to ensure dry film build is reached.</p> <p>Ensure adequate batch tint lots to achieve coverage over single elevations to ensure colour consistency. It is recommended to hold a volume of finish material for future maintenance touch-ups</p>	<p>AUDA1392</p>	<p>4.1 m2 per Litre per Coat</p>	<p>Protect from frost & rain in first 24 hours</p>
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Important Notes:

Coatings should be applied in full accordance with relative product Technical and Applicational data sheets.

Dulux AcraTex accepts no liability for joint cracking or joint deformation, as control of structural movement is beyond the scope of a coating specification.

Do not apply paint if Relative Humidity is above 85% or temperature is within 3°C of Dew Point, or the surface temperature is greater than 40°C or below 10°C, or likely to fall below 10°C during the drying period.

This system is recommended where panel misalignment is NOT greater than 4mm.

This specification assumes the substrate and building system to be fit for purpose and that end users satisfy themselves of the suitability of specification advice relevant to their specific requirements.

Dulux accepts no liability for building system durability, substrate deformation, cracking or joint deformation.

In all cladding systems:

Dulux recommends end users seek specific design advice relevant to building moisture management design relevant to the structural design, façade exposure and project location.

Practical Application Rates will vary from the quoted theoretical spread rate due to factors such as method and condition of the application and surface roughness, and or panel misalignment.

Glancing light

Joints and panel deformation may be clearly evident under glancing light, casting visible shadows of the minute and uneven projections of the joints.

Glancing light is light that is nearly parallel to the surface of the wall and casts visible shadows and uneven projections of the joints. Just like rendered masonry any uneven projections will be highlighted and as such are outside the control / scope of this specification.

Where possible avoid dark colours - these will give raise to much higher surface temperature that may cause addition thermal stress and cooling demand to the building envelope and/ or require extra engineering considerations (greater building costs).

Use colours with a LRV greater than 40% or consult Dulux on the potential to use InfraCOOL Heat Reflective Coatings that will keep the surface cooler.

Dulux Coatings should be applied in full accordance with relative Dulux Product Technical and Application data sheets.

This coating specification does not constitute Dulux endorsement of any building system or the suitability of any building system specific to project requirements and as such is outside the scope of this specification.

This full AcraTex system is to be applied by a DULUX AcraTex trained applicator, according to this specification, & at the specified spreading rates, & to the surface preparation details described by DULUX AcraTex.

**Recoat times are quoted for 25°C and 50% relative humidity these may vary under different conditions. Longer time will be required under adverse conditions.

Duspec	DULUX AcraTex – Guideline for Redated Jointed Supaboard System using AcraPrime TXT / AcraPatch HB / Coventry Coarse / AcraSkin Finishing System					
Project ID	Principle	BuildItEco Pty Ltd	Duspec no.	Page no.	2 of 2	
Issue	Prepared for	Matthew De Pledge	Issue	3	Prepared By	Shane Langkilde
Date	Approved By		Date	20.08.2013	Approved By	

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