

AERATED AUTOCLAVED CONCRETE

FIBRE CEMENT

EXPANDED POLYSTYRENE (EPS)

PREVIOUSLY COATED

This guide presents an overview of key substrates typically experienced providing a base level understanding of: Physical & Technical Properties, Key Coating System Demands, Critical Specification Requirements and GOOD-BETTER-BEST System Options. It's not intended to cover all substrates, nor detailed aspects of coating specifications, but to give you an overview of the key considerations in providing advice on coating options. An appropriate Project Coating Specification needs to consider and satisfy: functional substrate requirements, to the level

expected by the client. To achieve this it's important to understand (and educate) $the\ client\ on\ Substrate\ Demands\ and\ communicate\ the\ system\ options\ available$ so that the client is better able to make an informed choice on a coating system to meet his/her requirements. For detailed project specification an appropriate Project Specification should include agreement of scope and client performance

KEY COATING SYSTEM DEMANDS	CRITICAL SPECIFICATION REQUIREMENTS					DULUX RECOMMENDATION				
	Cracks	Efflorescence HF	Adhesion	Carbonation	Hiding	GOOD	BETTER	BEST	SUBSTRATE	RANGE
Finished wall cost efficiency vs brick relies on fast, single pass, skimcoat levelling systems (not high build renders) Joint crack protection: require elastomeric "membrane" or texture-shield Levelling "Render" must be AAC supplier approved: Hebel Skimcoat, Hebel High Build, RenderWall FR, PowerBase	•••	AAC render properly formulated	••		•• Levelling	Acras Acras RenderWall Ac	rime® WB aShield Power Pov		Panel (e.g. Hebel Power Panel)	AERATED AUTOCLAVED CONCRETE
Levelling "render" must be AAC supplier approved: Hebel High Build Skimcoat levellers NOT suitable	i.e. Render	AAC render properly formulated	••		•••	RenderWall AcraBuild Plus AcraPrime W 2 x AcraShield	+ Acratex	erWall FR Acrylic Texture d or AcraSkin	Block (e.g. Hebel Block)	OCLAVED TE
Joint cracking: requires mesh tape reinforced, flexible jointing system (cement based joint or render systems NOT suitable) Joint mapping: acrylic jointing + acrylic skimcoat + acrylic texture required (jointing + paint NOT suitable)	•••		•		•••		AcraPatch Co Fastcoat or S Acrylic Texture	Sponge Fine	Recessed Edge	FIBRE CEMENT
Adhesion: highly compressed types (e.g. ExoTec) require penetrating primer sealer						2 coats AcraGuard		aPrime SB AcraShield	Express Joint (e.g. JH ExoTec, Scyon)	EMENT
Fully integrated cladding & coating system for full warranty Installation by Exsulite installers Traceable QA process for warrantable systems	++ Impact resistance		To EPS		•• Levelling		Exsulite Matrix Exsulite Matrix I Exsulite Acr + 2 x Men	Levelling Layer ylic Texture	Exsulite/	EXI
Adhesion to EPS Foam International Standards (Europe & US) define minimum adhesion strength for EIFS base coats. Some systems available in Australia fail to meet minimum adhesion and long term performance requirements specifically due to inappropriate EIFS Base Coat formulation incorporating too lower polymer content. BCA compliant systems, coating specification will include: multilayer, impact resistant, mesh reinforced, high polymer-render layers (2 min.); Full acrylic texture and 2 x elastomeric topcoats	++ Impact resistance	•	To EPS		•• Levelling	its produc endorsed supplier requi	ES NOT endorse tts over virgin I by the relevan as suitable to rements of the npliant building	EPS unless t substrate meet the ir own	Raw panel	EXPANDED POLY
	++ Impact resistance	•	To Base Panel		•• Levelling		RenderWall P400 Mesh RenderWal + Acrylic Textur 2 x AcraShield	P400	PreCoated Supplier Panel (e.g. Focal Point RendaPanel, MasterWall Panel or RMAX ThermaWall)	LYSTYRENE (EPS)
	++ Impact resistance	•	To EPS		•• Levelling		RenderWall P400 Mesh RenderWall + Acrylic Textur 2 x AcraShield	P400	Core filled block (e.g. Formcraft or Ecoblock)	os)
Clean, sterilise & topcoat: • Mould treatment (bleach) & detergent • High pressure wash • Sterilise surface with PrepTreat after bleach & HPW • No primer required if surface is not powdery	Relative to substrate & project requirements					including pre to condition. 2 coats	2-3 x stand		Good Condition (not powdery)	PREVIO
Typical Restoration Steps: Removal all loose flaky materials then identify & correct any water entry sources (e.g. design runoff, flashings, major cracking) Patch & make good Primer-Sealer (relevant to surface condition and patched elements) 2 x Elastomeric Topcoats (AcraShield or AcraSkin) or as per specification of AcraSkin WP	Relative to substrate & project requirements				resist.ir	anti-carbo anti-carbo anti-carbo anti-carbo anti-carbo	nation	Poor Condition (defects, powdery)	PREVIOUSLY COATED	



WHAT DO YOU NEED?

Dulux® Acratex® material recommendations are a guide to assist you in exploring the possibilities.

For a comprehensive understanding and to explore all available combinations, visit our dedicated platform, DuSpec+®.

DuSpec+ is the online technical resource for Specifiers and Trade Professionals that provides quick, easy access to up-to-date technical product information and system specifications across our market-leading brands – all in one convenient place.



Specifications

Detailed system specifications for selecting and applying the right product.

Scan me for Specifications





Datasheets

Designed to help you find precise technical details for each product.

Scan me for Datasheets





Substrates

Find guidelines and coating recommendations for various surfaces and substrates.

Scan me for Substrates





Substrate Preparations

Find the right methods and products for preparing different substrates before applying coatings.

Scan me for Preparations





DuSpec+ duspecplus.com.au

Learn more about Dulux Acratex at **acratex.com.au** Customer Service **13 23 77**

