**SPECIFICATION**

 of work to be done and materials to be used in carrying

 out the works shown on the accompanying drawings

 **~**

 (project name)

 **~**

 (project address)

 **~**

 (owners name)

 Job Number: ~

 Date: ~

# 4284DA DULUX ACRATEX EXSULITE EIFS CLADDING SYSTEM

## 1. GENERAL

 If you have pre-customised this work section using the "questions and answers" provided as part of the downloading process, it may be necessary to amend some clauses to suit the final project-specific version.

 The section must still be checked and customised to suit the project being specified, by removing any other irrelevant details and adding project-specific details and selections.

 This section relates to **Dulux AcraTex NZ** Exsulite EIFS Cladding System based on EPS sheets fixed to timber/metal framing with a drained cavity and an applied textured surface finish.

 Modify or extend the above description to suit the project being specified.

 This section covers specialist high build coatings, with or without a textured surface, applied by spray or roller techniques.

 While specifically written to suit a range of interior surface finishes, this section could also be adapted to cover similar exterior coatings. However such coating systems are product specific and require careful attention to product manufacturer's preparation and application requirements.

 Many exterior coatings are installed as part of a weatherproofing system, including joint sealing/filling. Care is again needed to ensure that both the substrate and coating manufacturer's requirements are strictly adhered to.

### 1.1 RELATED WORK

 Refer to ~ for ~

 Include cross references to other sections where these contain related work.

### 1.2 ABBREVIATIONS

 The following abbreviations are used throughout this part of the specification:

 EIFS Exterior Insulation and Finish Systems

 EPS Expanded Polystyrene

 MPNZA Master Painters New Zealand Association

 PPCS Proprietary Plaster Cladding Standard

 **Documents**

### 1.3 DOCUMENTS

 Refer to the general section 1233 REFERENCED DOCUMENTS. The following documents are specifically referred to in this section:

 [NZBC B2](http://www.masterspec.co.nz/redirect.aspx?pl=223)/AS1 Durability

 [NZBC E2](http://www.masterspec.co.nz/redirect.aspx?pl=347)/AS1 External moisture

 AS 1366.3 Rigid cellular plastics sheets for thermal insulation - Rigid cellular polystyrene - Moulded (RC/PS - M)

 AS 1366.4 Rigid cellular plastics sheets for thermal insulation - Rigid cellular polystyrene - Extruded (RC/PS - E)

 AS 3566 Self-drilling screws for the building and construction industries

 [NZS 3604](http://www.masterspec.co.nz/redirect.aspx?pl=301) Timber-framed buildings

 Delete from the DOCUMENTS clause any document not cited. List any additional cited documents.

 RELATED DOCUMENTS

 Refer to the following related documents when preparing this section:

 [NZBC E3](http://www.masterspec.co.nz/redirect.aspx?pl=234)/AS1 Internal moisture

 BRANZ BU 570 Ground clearances

 BRANZ BU 449 Keeping water out - Timber-framed walls

 BRANZ BU 439 Condensation risk in walls

 BRANZ publication: Selecting wall claddings

 [WANZ Installation Guide](http://www.masterspec.co.nz/redirect.aspx?pl=1247): The WANZ guide to window installation as described in E2/AS1 Amendment 5

### 1.4 MANUFACTURER/SUPPLIER DOCUMENTS

 Manufacturer’s and supplier’s documents relating to this part of the work:

 Dulux AcraTex NZ Technical Data Sheets

 Dulux AcraTex NZ Exsulite EIFS Cladding System Installation Manual

 Dulux AcraTex NZ Codemark Certification

 Manufacturer/supplier contact details

 Company: **Dulux AcraTex NZ**

 Web: [www.dulux.co.nz/specifier](http://www.dulux.co.nz/specifier)

 Email: specifier@dulux.co.nz

 Telephone: 0800 800 424

 It is important to ensure that all personnel on site have access to accurate, up to date technical information on the many products, materials and equipment used on a project. In most cases individual products are not used in isolation, but form part of a building process. Also a particular manufacturer's and/or supplier's requirements for handling, storage, preparation, installation, finishing and protection of their product can vary from what might be considered the norm. Access to technical information can help overcome this potential problem.

 **Warranties**

### 1.5 WARRANTY - MANUFACTURER/SUPPLIER

 Provide a material manufacturer/supplier warranty

 15 years For failure of materials under normal environmental and use conditions, dependent upon system used

 - Provide this warranty on the Dulux AcraTex NZ standard form.

 - Commence the warranty from the date of practical completion of the contract works.

 Refer to the general section 1237 WARRANTIES for additional requirements.

 Modify or expand the clause to suit project or manufacturer/supplier requirements, options include:

 - Change the standard form to be used (check with the manufacturer/supplier, use the general section 1237WA WARRANTY AGREEMENT if required)

 - Commence the warranty from the date of purchase (check with the manufacturer/supplier)

### 1.6 WARRANTY - APPLICATOR

 Provide an applicator warranty:

 5 years For failure of application under normal environmental and use conditions, dependent upon system used

 - Provide this warranty on the applicator standard form.

 - Commence the warranty from the date of practical completion of the contract works.

 Refer to the general section 1237 WARRANTIES for additional requirements.

 Modify or expand the clause to suit project applicator requirements, options include:

 - Change the standard form to be used (check with the applicator, use the general section 1237WA WARRANTY AGREEMENT if required)

 - Commence the warranty from the date of application (check with the applicator)

 **Requirements**

### 1.7 NO SUBSTITUTIONS

 Substitutions are not permitted to any specified Dulux AcraTex NZ EIFS Drained Cavity Cladding System.

### 1.8 QUALIFICATIONS

 Use only PPCS qualified contractors that are experienced, competent, and familiar with the materials and techniques specified. Provide evidence of qualifications on request, in the form of the PPCS National Certificate qualification.

 To obtain Dulux AcraTex NZ warranties contractors must be qualified.

 **Documentation**

### 1.9 SAMPLES

 Submit samples on request for each specified coating system on a 450mm square of the substrate material being coated, or an equivalent panel material, to show texture and colour. Keep samples on site, undamaged, for matching with the work as it proceeds.

### 1.10 CONTROL SAMPLES

 Prepare samples of the finished work, including the specified preparation and obtain approval in writing of the appearance before proceeding. Refer to SELECTIONS for requirements.

 Use the Dulux AcraTex NZ colour brush outs as a basis for colour where appropriate.

 Fax requests on Dulux NZ Customer Services on 0800 805 424 or order brush outs online at http:[www.dulux.co.nz/specifier/resources/a4-colour-samples](http://www.dulux.co.nz/specifier/resources/a4-colour-samples).

### 1.11 MAINTENANCE INSTRUCTIONS

 Provide Dulux AcraTex NZ Texture Care Guide maintenance instructions before practical completion of the contract for issuing to the building owner.

 A copy of the maintenance instructions may be required by the Building Consent Authority with the building consent application.

### 1.12 PRODUCER STATEMENT

 Provide the PS3 producer statement and workmanship warranty compiled by the LBP contractor who is PPCS qualified in the form as required by the Building Consent Authority.

### 1.13 HEALTH AND SAFETY

 Refer to the requirements of the Health and Safety in Employment Act and OSH:

 [Guidelines for the provision of facilities and general safety in the construction industry](http://www.masterspec.co.nz/redirect.aspx?pl=1219). If the elimination or isolation of potential hazards is not possible then minimise hazards in this work on site by using the proper equipment and techniques as required in the MPNZA Painters hazard handbook. Supply protective clothing and equipment. Inform employees and others on site of the hazards and put into place procedures for dealing with emergencies. Obtain from Dulux AcraTex NZ the material safety data sheets for each product. Keep sheets on site and comply with the required safety procedures

### 1.14 ENVIRONMENT

 Dulux AcraTex NZ recommends the use of the Dulux EnviroWash system for the cleaning of water based paint and plasters from brushes, rollers, plastering or spray equipment. The process separates the solids from the water component for safe disposal. Phone Dulux Customer Services on 0800 800 424 for further information regarding this system.

 **Performance**

### 1.15 DURABILITY

 The work covered by this part of the specification has been designed and constructed to [NZBC B2](http://www.masterspec.co.nz/redirect.aspx?pl=223)/AS1 to achieve a durability of 10 years.

### 1.16 PERFORMANCE

 The appointed Dulux AcraTex NZ plastering contractor must accept responsibility for the structural and weather-tight performance of the exterior render application.

### 1.17 PROTECTION OF NEW PLASTER

 Confirmation of the protection systems to be applied to fresh plaster coats to be agreed between the main contractor and the licensed applicator before plastering begins.

 Normally required curing procedures can be altered when acrylic-modified plasters (bonding agents) have been specified. Such plasters may only need to be protected from direct sun and strong, drying winds for 16 - 24 hours. Consult the manufacturer's requirements in this clause or write another.

### 1.18 INSPECTIONS

 Allow to inspect the whole of the work at each stage. Determine a programme for inspections including notification when each part and stage of the work is ready for inspection prior to the work commencing.

 The level of inspection will depend on the nature of the project and will range from full for large/complex projects through intermittent for straightforward work, to occasional for initially establishing the standards of execution.

## 2. PRODUCTS

 **Materials - Dulux AcraTex texture and paint system**

### 2.1 RENDER BASE COAT

 Dulux AcraTex Renderwall P400, a pre-mixed meshing render for use over lightweight substrates. Coarse meshing render will cure to form a strong crack resistant base which will accept a textured finish. VOC < 1gL.

### 2.2 CEMENT BASED TEXTURE

 Dulux AcraTex Renderwall Float Finish Medium, a pre-mixed render specifically formulated to produce a subtle, granular texture appearance. VOC < 1g/L.

 Used to achieve a grainy texture finish.

 When specifying texture coatings Dulux recommend that consideration should be given to the type and profile of the texture and preparation of the substrate to achieve the specified texture as this will impact on the applied m² rate. Confirmation via a sample of the texture profile is highly recommended (site sample applied by the contractor is preferred) prior to final pricing sign-off by the contractor administrator.

 Contact a Dulux representative for a texture sample.

### 2.3 PRIMER

 Dulux AcraTex 501/8 AcraPrime HAR primer, a water based primer/sealer designed specifically for application over fresh green masonry surfaces. Minimizes unsightly white salts and efflorescence. VOC < 22g/L

### 2.4 ACRYLIC TEXTURE - TROWEL ON

 Acrylic texture comprises of either,

 - Dulux AcraTex 951Trowel on 1mm, or

 - Dulux AcraTex 951 Tuscany Coarse.

 A 100% pure acrylic emulsion containing inert fillers, graded aggregates, fungicides and colour stable pigments. Supplied in a semi-liquid paste consistency. Product applied by trowel or hopper gun in a single application. VOC < 35g/L.

 Used to achieve a tight granular finish.

 Two trowel-on acrylic texture options are shown above.

 When specifying texture coatings Dulux recommend that consideration should be given to the type and profile of the texture and preparation of the substrate to achieve the specified texture as this will impact on the applied m² rate. Confirmation via a sample of the texture profile is highly recommended (site sample applied by the contractor is preferred) prior to final pricing sign-off by the contractor administrator.

 Contact a Dulux representative for a texture sample.

### 2.5 ACRYLIC TEXTURE - SPRAY ON

 Dulux AcraTex 952 Spray on 2mm, a 100% pure acrylic emulsion containing inert fillers, graded aggregates, fungicides and colour stable pigments. Supplied in a semi-liquid paste consistency. Product applied by hopper gun in a dual application. VOC < 35g/L.

 Used to achieve a textured stippled finish.

 When specifying texture coatings Dulux recommend that consideration should be given to the type and profile of the texture and preparation of the substrate to achieve the specified texture as this will impact on the applied m² rate. Confirmation via a sample of the texture profile is highly recommended (site sample applied by the contractor is preferred) prior to final pricing sign-off by the contractor administrator.

 Contact a Dulux representative for a texture sample.

### 2.6 TOPCOAT

 Topcoat comprises of either,

 - Dulux AcraTex AcraShield Advance, a 100% acrylic high build, pigmented pure acrylic coating, available in matt and low gloss finishes. Suitable to be applied over cement based plaster finishes as well as acrylic textured surfaces. Recommended DFT 75 µm at 6 m²/L. VOC < 60g/L, or,

 - Dulux AcraTex 968 Elastomeric 201 Matt, an extremely weather resistant, highly flexible, water based acrylic coating that is a technologically advanced version of an elastomeric membrane with the advantages of a decorative paint. Recommended DFT 125 µm at 4 m²/L. VOC < 60g/L.

 **Components**

### 2.7 POLYSTYRENE SHEET FOR EIFS CLADDING

|  |  |  |
| --- | --- | --- |
| Dulux AcraTex NZ : | 50mm thick EPS sheet to class S or H. Sheet quality to comply with AS 1366.3 and AS 1366.4, Rigid cellular plastic sheets for thermal insulation - Rigid cellular polystyrene. |  |

 Class H EPS has a density of 24 kg/m³. Class S EPS has a density of 16 kg/m³.

### 2.8 EXTERIOR WALL CAVITY BATTENS

 Cavity battens manufactured from high density (Class H) EPS; nominal size is 50mm x 20mm thick.

### 2.9 FLASHINGS AND ACCESSORIES

 Proprietary profiles made from uPVC for head, sill, and jamb flashings, corner beads, cavity vent strip (base bead), Z flashings and horizontal and vertical control joint flashings for exterior applications.

 Vermin-proofing/cavity closer to [NZBC E2](http://www.masterspec.co.nz/redirect.aspx?pl=347)/AS1: clause 9.1.8.3 and provide an area of opening of 1000mm² per lineal metre

 **Accessories**

### 2.10 FIXINGS, TIMBER

 50mm system: 110mm x 3.8mm hot-dip galvanized flat head nails with 42mm diameter plastic washers.

### 2.11 FIXINGS, STEEL

 50mm system: 95mm x 8mm exterior grade self tapping steel screws with 40mm diameter plastic washers.

 Screws to comply with AS 3566 class 3 - 6 gauge in corrosion zones 1, 2 and 3.

 Screws to comply with AS 3566 class 4 - 6 gauge screws in corrosion zones 1, 2, 3 and 4 as defined by [NZS 3604](http://www.masterspec.co.nz/redirect.aspx?pl=301), used with 40mm diameter washers.

### 2.12 REINFORCING MESH

 Alkali-resistant fibre glass woven reinforcing mesh with a nominal mesh size of approx 4mm square and a weight of 160g/m² for domestic and light commercial areas. Where higher impact resistance is required, use 360g/m² with nominal size of approx 5 x 4mm.

 Two weights available; Residential and light commercial nominal 4 x 4mm aperture weighting 160g/m² min and commercial or for high impact areas nominal 4 x 5mm aperture weighting 360g/m² min.

### 2.13 SEALANTS

 Paintable neutral cure silicone in accordance with Dulux AcraTex NZ Manual and set against backer rods where necessary.

 Sealant to comply with [NZBC E2](http://www.masterspec.co.nz/redirect.aspx?pl=347)/AS1 or sealant covered by a valid BRANZ Appraisal for use as a weather sealing sealant for exterior use.

### 2.14 ADHESIVE

 Solvent free PVC construction adhesive compatible with EPS and in accordance with Dulux AcraTex NZrequirements.

 **Materials - repaint, existing textured substrate**

### 2.15 PRIMER

 Dulux AcraTex AcraPrime 501/1, a water-based primer/sealer for application over fibre cement surfaces. VOC < 22g/L.

### 2.16 TOPCOAT

 Topcoat comprises of either,

 - Dulux AcraTex AcraShield Advance, a 100% acrylic high build, pigmented pure acrylic coating, available in matt and low gloss finishes. Suitable to be applied over cement based plaster finishes as well as acrylic textured surfaces. Recommended DFT 75 µm at 6 m²/L. VOC < 60g/L, or,

 - Dulux AcraTex 968 Elastomeric 201 Matt, an extremely weather resistant, highly flexible, water based acrylic coating that is a technologically advanced version of an elastomeric membrane with the advantages of a decorative paint. Recommended DFT 125 µm at 4 m²/L. VOC < 60g/L.

## 3. EXECUTION

 **Conditions**

### 3.1 DELIVERY

 Keep plaster products dry in transit. Take delivery of plaster products dry and undamaged. Reject all damaged materials.

### 3.2 STORE MATERIALS

 Deliver all materials in original unopened packaging with labels intact. Provide dry storage on site, stack carefully, protect from mechanical damage. Keep bagged render off concrete surfaces. Dispose of any bagged material that is more than 6 months old.

### 3.3 CHECK SUBSTRATE

 Do not commence work until openings and apertures have been cut, pipes, fixtures, fixing pads and plugs have been fixed and flashings and other preparations are complete. All defects in substrate must be rectified by the trades applicable prior to application of plaster coatings. Ensure that backgrounds and adjoining surfaces are, after the preparation called for in this section, of Dulux AcraTex NZ required standard. All mortar joints to be flush finished and no wider than 15mm, with all nibs and profusions ground off by the brick / block layer.

### 3.4 PLASTERING CONDITIONS

 Carry out plastering to Dulux AcraTex NZ specification under conditions, which will not adversely affect the finished work.

 Refer to Manufacturer's product manual.

### 3.5 PROTECT

 Before application of plaster, apply masking film and tape to all joinery, pipes, roofs and all areas likely to be marked by the plaster. Use drop cloths and ground covers to keep the working areas clean. Clean off droppings onto finished work immediately.

### 3.6 FLASHING AND DETAILING

 Comply with Dulux AcraTex NZ penetration flashing guidelines. Carry out to the required standard of execution to [NZBC E2](http://www.masterspec.co.nz/redirect.aspx?pl=347)/AS1 ensure water does not penetrate.

 Head flashings made from powder coated aluminium supplied by main contractor for both recessed and face-fixed timber, aluminium and PVC joinery. Sub-trade penetrations must be flashed and sealed by that trade.

### 3.7 STANDARDS AND TOLERANCES

 Comply with the tolerances laid down in [NZS 4210](http://www.masterspec.co.nz/redirect.aspx?pl=314) Table 2.2. To have no deviation plus or minus 3mm from a shimmed straight edge 1200mm long.

### 3.8 CONFIRM LAYOUT

 Before commencing work confirm the layout of expansion joints and other visual detailing of the finished work.

### 3.9 CHECK BACKGROUND

 Before plastering is commenced, eliminate surface contaminants, remove dust, debris, oils, greases, retarders, and paint from already painted surfaces and loose material. Leave the surface dust free and clean. Make good any defects in the background which may adversely affect the adhesion of the plaster coating. Ensure that the background and adjoining surfaces are, after the preparation called for in this section, of the required standard. Do not commence until the pointing is fully cured. Refer to Dulux AcraTex NZ for advice before proceeding.

 Defects in substrate by others must be rectified by appropriate trade prior to plaster application commencing.

### 3.10 PENETRATIONS

 Comply with [NZBC E2](http://www.masterspec.co.nz/redirect.aspx?pl=347)/AS1. All penetrations such as waste pipes, electrical wiring in uPVC conduits and metal plumbing piping install with a minimum 5° downward slope, through the plaster system, to be sealed using a double application of MS Silaflex after the application of the required base coat plaster and before the plaster finishing coat.

 Refer to the [WANZ Installation Guide](http://www.masterspec.co.nz/redirect.aspx?pl=1247), this covers WANZ recommendations on the preparation of window/door openings, minimum clearances between rough openings and the window/door frame, dressing of the wall wrap/underlay into the prepared opening, application of flexible flashing tape to the sill and top corners of the opening, installation of window/door frames and flashings, sealing of the window/door frame into the opening to create a pressure equalisation cavity, installation of flashings and the maintenance of appropriate clearances between the frame and the surrounding construction.

 Penetrations through drained cavities to [NZBC E2](http://www.masterspec.co.nz/redirect.aspx?pl=347)/AS1: External moisture, 9.1.9 Penetrations and 9.1.10 Windows and doors

### 3.11 SILLS BALUSTRADES AND PARAPET TOPS

 A minimum slope of 10° to all horizontal surfaces.

 **Application - preparation**

### 3.12 IRREGULARITIES

 Fill voids and hollows with a base coat from the Dulux AcraTex NZ range of base and patching compounds dependent on depth to provide a level even plane surface.

### 3.13 CAVITY BATTENS

 Fix poly battens full length to studs to achieve a 20mm minimum thickness drained cavity to [NZBC E2](http://www.masterspec.co.nz/redirect.aspx?pl=347)/AS1: 9.0 Wall claddings. The battens are fixed by the cladding fixings which will penetrate the wall framing studs over the wall underlay. Seal the top of the cavity. Horizontal cavity battens must be no longer than 100mm. Use cavity spacers where fixing is required between cavity battens. Fix additional battens to internal and external corners and around openings to Dulux AcraTex NZ standard details.

 Note that it is important that the openings in the vermin proofing/cavity closer are kept clean and unobstructed in order to maintain drainage and venting of the cavity.

### 3.14 PENETRATION FLASHINGS

 Fix in place required uPVC trims, profiles flashings and control joints. Seal service penetrations such as piping and light fittings.

### 3.15 FLASHING AND ACCESSORIES

 Fit flashings to jambs and sill on recessed joinery using Dulux AcraTex NZ proprietary flashings. Reinforce external corners and bottom edges of polystyrene sheets with uPVC angles and channel extrusions. Fit joinery heads with a head flashing (if not protected by boxed eaves or other protection).

### 3.16 POLYSTYRENE SHEETS, NAILED TO CAVITY BATTENS

 Butt-joint the polystyrene sheets continuously support all edges and nail with heads flush in accordance with Dulux AcraTex NZ details. Install vermin-proof punched Dulux AcraTex Exsulite EIFS Cladding System base bead at the base of polystyrene sheets.

### 3.17 MOVEMENT CONTROL JOINTS

 Incorporate movement joints in accordance with the design information supplied by Dulux AcraTex NZ.

 Position control joints over solid timber backing and provide them on all walls over 20m in length or over 7m high, at abutments to different cladding types, where cladding covers structural materials, and over a movement joint in the underlying framing. Confirm locations in writing to the contract administrator before commencing work.

### 3.18 EXPOSED CONTROL JOINTS

 Provide control joints in the plaster to coincide with control joints in the substrate and or junctions between dissimilar substrates in the same plane and or where shown on the drawings and to Dulux AcraTex NZ requirements. Terminate reinforcing mesh each side of control joints. Exposed control joints to be reflected through final coatings from substrate. All control joints to be in place and sealed prior to the commencement of the plastering.

 Control Joints to [NZS 4251](http://www.masterspec.co.nz/redirect.aspx?pl=326), 2.1.9 Control joints, substrate manufacturer's specifications, and or engineer's requirements.

### 3.19 INSTALL UPVC CORNER AND EDGE BEADS

 Install all uPVC corner and edge beads necessary and to Dulux AcraTex NZ requirements prior to plaster application commencing.

### 3.20 POLYSTYRENE ARCHITECTURAL DETAILING AND INTER STOREY JOINTS

 Fix polystyrene shapes used to create detailing and or at inter-storey joints after the sheets have been primed and jointed or meshed, using EIFS safe adhesive or Dulux AcraTex NZ plaster (notched with appropriate trowel) applied to the shape prior to placing over the prepared sheets. Temporary fixings may be used while the adhesive cures. All plant on shapes to be pre-meshed and weatherproofed especially along the top junction with a bead of MS sealant before the finishing plastering commences.

### 3.21 INSTALL SEALANT

 Seal all junctions between the joinery and fibre cement sheets, and around penetrations, flashing ends and other similar details with a minimum 6mm bead of MS sealant.

### 3.22 FINISHING

 Refer to SELECTIONS for type and colour.

 An LRV 40% minimum is a NZBC requirement and applies to all monolithic substrates.

 **Application - Dulux AcraTex NZ texture and paint system**

### 3.23 APPLY CEMENT BASED TEXTURE

 Apply Dulux AcraTex Renderwall Float Finish Medium to produce a granular texture appearance to Dulux AcraTex NZ requirements.

### 3.24 APPLY PRIMER

 Apply Dulux Acratex 501/8 HAR primer with roller, brush or airless spray to Dulux AcraTex NZ requirements

### 3.25 APPLY ACRYLIC TEXTURE - TROWEL ON

 Apply Dulux Acratex 951 Trowel on 1mm, or Dulux AcraTex 951 Tuscany Coarse by steel trowel to the thickness of the aggregate within the emulsion, and then float with either a plastic finishing float or polystyrene for the coarser grade aggregate products, all to Dulux AcraTex NZ requirements.

### 3.26 APPLY ACRYLIC TEXTURE - SPRAY ON

 Apply Dulux AcraTex 952 Spray on 2mm using a Hopper Gun with a 4mm tip at 50psi for a 1mm texture and 6 - 8mm tip at 50psi for 2mm texture, on second pass reduce pressure to 30psi, to Dulux AcraTex NZ requirements.

### 3.27 APPLY TOPCOAT

 Apply the specified number of coats of Dulux AcraTex AcraShield Advance with roller, brush or airless spray to the recommended spread rate as per DuSpec specification shown in SELECTIONS, or:

 Apply the specified number of coats of Dulux AcraTex 968 Elastomeric 201 Matt with roller, brush or airless spray to the recommended spread rate as per DuSpec specification shown in SELECTIONS.

 **Application - repaint, existing substrates**

### 3.28 ADHESION TESTING

 Inspect and test the surfaces of existing painted substrates to ensure that they are capable of supporting the new coating. A "cross hatch" adhesion test as an absolute minimum is mandatory, even on a substrate that appears to have a sound firmly adhered paint coating. Carry out testing in many locations and in areas just under window sills, the weather side of the structure and along the lower part of the wall. Remove previous coatings in any areas that fail the adhesion test.

### 3.29 PREPARE SURFACE

 Remove loose or flaky paint (as judged by an adhesion test), dust, dirt, salt deposits, mould/fungi and any other surface contaminants with Dulux Prep Wash. High pressure water blasting is highly recommended as a standard procedure for cleaning the surface; it will also give a good indication as to its integrity.

 Repair or fill large cracks and flaws with a suitable patching compound. Smaller cracks (up to 1 mm with Dulux AcraTex 968 Elastomeric 201 or 650 µm with Dulux AcraTex AcraShield Advance) do not need to be filled as these will be bridged by the topcoat.

 Where the previous coating is removed back to the bare substrate or repairs have been carried out, spot priming will be required. Dulux AcraTex AcraPrime 501/1 water based primer is recommended, unless the surface is particularly powdery and friable, in which case Dulux AcraTex AcraPrime 501/2 solvent based is recommended.

### 3.30 APPLY PRIMER - WATER BASED

 Apply Dulux AcraTex AcraPrime 501/1water-based primer/sealer to Dulux AcraTex NZ requirements.

### 3.31 APPLY TOPCOAT

 Apply the specified number of coats of Dulux AcraTex AcraShield Advance with roller, brush or airless spray to the recommended spread rate as per DuSpec specification shown in SELECTIONS, or:

 Apply the specified number of coats of Dulux AcraTex 968 Elastomeric 201 Matt with roller, brush or airless spray to the recommended spread rate as per DuSpec specification shown in SELECTIONS.

 **Completion**

### 3.32 CLEANING

 Remove debris, unused materials and elements from the site relating to the plaster system application. Replace damaged, cracked or marked elements. Leave the whole of this work to the required standard.

## 4. SELECTIONS

 For further details on selections go to [www.dulux.co.nz/specifier](http://www.dulux.co.nz/specifier).

 Substitutions are not permitted to the following, unless stated otherwise.

 If substitutions are permitted modify the statement above, ensure the NO SUBSTITUTIONS clause from GENERAL is treated the same.

 Select the options to suit the project and delete options not specified.

 SELECTIONS is for providing details of the actual selections to be included in the contract works including model numbers, colours and other information necessary to ensure that the correct materials are supplied and installed.

 **Components**

### 4.1 POLYSTYRENE SHEET

 Thickness/grade: 50mm H grade polystyrene

### 4.2 CAVITY BATTENS

 Material: 50mm x 20mm H Grade poly battens

### 4.3 DULUX - MOULDINGS AND FLASHINGS

 Material: DuluxAcratex NZ uPVC

 Refer MPT Technical Manual.

### 4.4 ADHESIVE

 Brand: Sika/ Fosroc PB Panel bond

 A solvent free synthetic rubber and resin construction adhesive.

### 4.5 SEALANT

 Brand: Sika/Fosroc Silaflex MS sealant

 A paintable modified silicone sealant.

### 4.6 REINFORCING MESH

 Grade/weight: Not less than 160 g/m² with a 4mm x 4mm aperture

 Weight/grade Commercial: Not less than 360 g/m² with a 4mm x 5mm aperture.

 **Dulux AcraTex NZ texture and paint system**

 When specifying texture coatings Dulux recommend that consideration should be given to the type

 and profile of the texture and preparation of the substrate to achieve the specified texture as this

 will impact on the applied m² rate. Confirmation via a sample of the texture profile is highly

 recommended(site sample applied by the contractor is preferred) prior to final pricing sign-off by the

 contractor administrator.

 Contact a Dulux representative for a texture sample.

### 4.7 DULUX - ACRYLIC TEXTURE - TUSCANY COARSE, MATT

 System: DuSpec NZ\_SA08677

 1st coat: DULUX AcraTex Renderwall P400

 2nd coat: DULUX AcraTex 501/8 AcraPrime HAR Primer

 3rd coat: DULUX AcraTex Tuscany Coarse

 4th coat: DULUX AcraTex AcraShield Advance

 Dulux AcraTex AcraShield Advance topcoat also available a Low Gloss finish in some colours.

 Refer to system specification NZ\_SA08678.

### 4.8 DULUX - ACRYLIC TEXTURE - TUSCANY COARSE, HIGH BUILD MATT

 System: DuSpec NZ\_SA08679

 1st coat: DULUX AcraTex Renderwall P400

 2nd coat: DULUX AcraTex 501/8 AcraPrime HAR Primer

 3rd coat: DULUX AcraTex 951 Tuscany Coarse

 4th coat: DULUX AcraTex 968 Elastomeric 201

### 4.9 DULUX - ACRYLIC TEXTURE - TROWEL ON 1MM, MATT

 System: DuSpec NZ\_SA08680

 1st coat: DULUX AcraTex Renderwall P400

 2nd coat: DULUX AcraTex 501/8 AcraPrime HAR Primer

 3rd coat: DULUX AcraTex 951 Trowel on 1mm

 4th coat: DULUX AcraTex AcraShield Advance

 Dulux AcraTex AcraShield Advance topcoat also available a Low Gloss finish in some colours.

 Refer to system specification NZ\_SA08681.

### 4.10 DULUX - ACRYLIC TEXTURE - TROWEL ON 1MM, HIGH BUILD MATT

 System: Duspec NZ\_SA08682

 1st coat: DULUX AcraTex Renderwall P400

 2nd coat: DULUX AcraTex 501/8 AcraPrime HAR Primer

 3rd coat: DULUX AcraTex 951 Trowel on 1mm

 4th coat: DULUX AcraTex 968 Elastomeric 201

### 4.11 DULUX - ACRYLIC TEXTURE - SPRAY ON 2MM, MATT

 System: DuSpec NZ\_SA08683

 1st coat: DULUX AcraTex Renderwall P400

 2nd coat: DULUX AcraTex 501/8 AcraPrime HAR Primer

 3rd coat: DULUX AcraTex 952 Spray on 2mm

 4th coat: DULUX AcraTex AcraShield Advance

 Dulux AcraTex AcraShield Advance topcoat also available a Low Gloss finish in some colours.

 Refer to system specification NZ\_SA08685.

### 4.12 DULUX - ACRYLIC TEXTURE - SPRAY ON 2MM, HIGH BUILD MATT

 System: DuSpec NZ\_SA08686

 1st coat: DULUX AcraTex Renderwall P400

 2nd coat: DULUX AcraTex 501/8 AcraPrime HAR Primer

 3rd coat: DULUX AcraTex 952 Spray on 2mm

 4th coat: DULUX AcraTex 968 Elastomeric 201

### 4.13 DULUX - CEMENT BASED TEXTURE - FLOAT FINISH, MATT

 System: DuSpec NZ\_SA08687

 1st coat: DULUX AcraTex Renderwall P400

 2nd coat: DULUX AcraTex Renderwall Float Finish Medium

 3rd coat: DULUX AcraTex 501/8 AcraPrime HAR Primer

 4th coat: DULUX AcraTex AcraShield Advance

 5th coat: DULUX AcraTex AcraShield Advance

 Dulux AcraTex AcraShield Advance topcoat also available a Low Gloss finish in some colours.

 Refer to system specification NZ\_SA08689.

### 4.14 DULUX - CEMENT BASED TEXTURE ON - FLOAT FINISH, HIGH BUILD MATT

 System: DuSpec NZ\_SA08690

 1st coat: DULUX AcraTex Renderwall P400

 2nd coat: DULUX AcraTex Renderwall Float Finish Medium

 3rd coat: DULUX AcraTex 501/8 AcraPrime HAR Primer

 4th coat: DULUX AcraTex 968 Elastomeric 201

 5th coat: DULUX AcraTex 968 Elastomeric 201

 **Repaint - existing substrate**

### 4.15 DULUX - REPAINT - ALL TEXTURED SUBSTRATES, MATT

 System: DuSpec NZ\_SA08756

 Spot prime: DULUX AcraTex 501/1 AcraPrime Water Based

 1st coat: DULUX AcraTex AcraShield Advance

 2nd coat: DULUX AcraTex AcraShield Advance

 Dulux AcraTex AcraShield Advance topcoat also available a Low Gloss finish in some colours.

 Refer to system specification NZ\_SA08757.

### 4.16 DULUX - REPAINT - ALL TEXTURED SUBSTRATES, HIGH BUILD MATT

 System: DuSpec NZ\_SA08758

 Spot prime: DULUX AcraTex 501/1 AcraPrime Water Based

 1st coat: DULUX AcraTex 968 Elastomeric 201

 2nd coat: DULUX AcraTex 968 Elastomeric 201