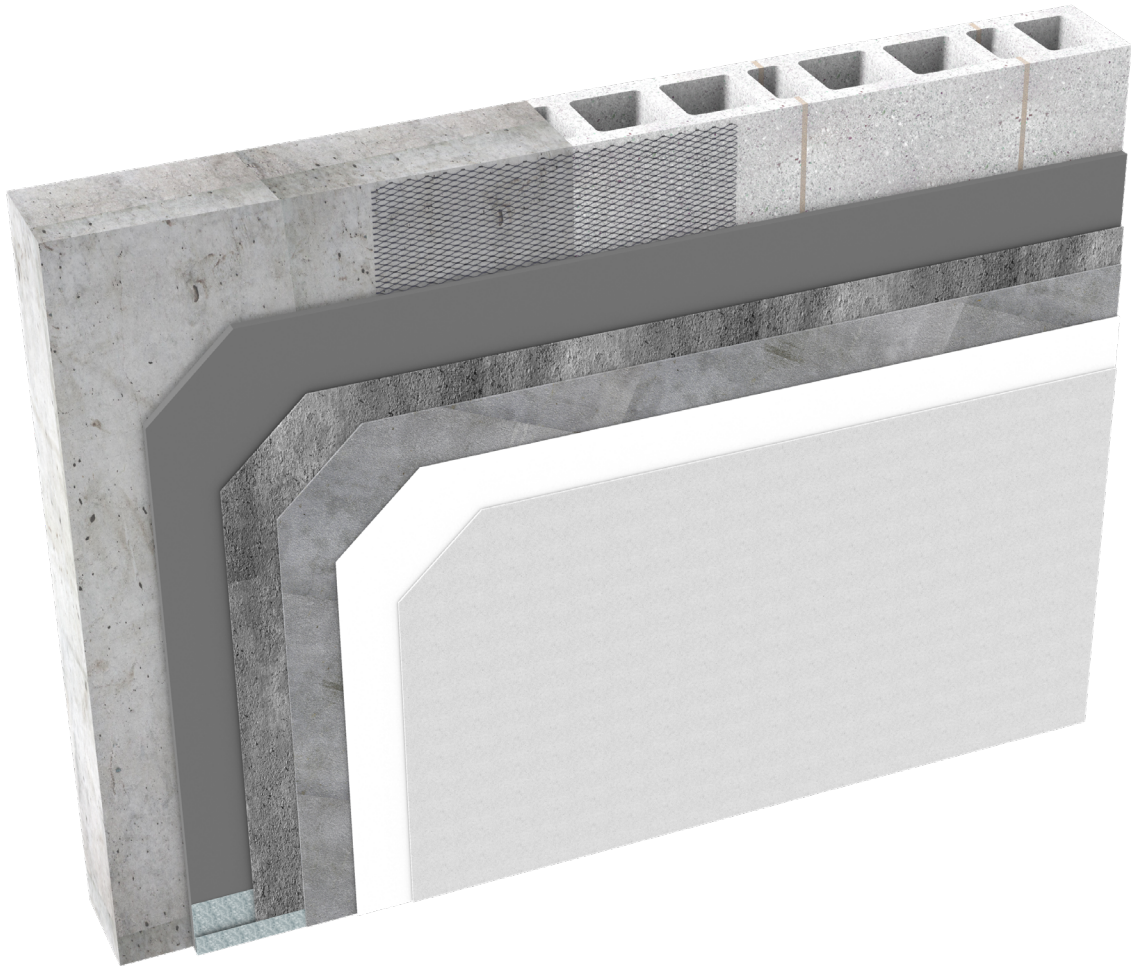


Durex®

Lite Coat Sport Court

*Direct Applied Rendering Cladding System
for Athletic Facilities*



Extreme Impact
Resistance



Extreme
Durability



Matte



Cost Effective

Protect. Enhance. Outperform.

DURabond 
1-877-387-2266 info@durabond.com
www.durabond.com

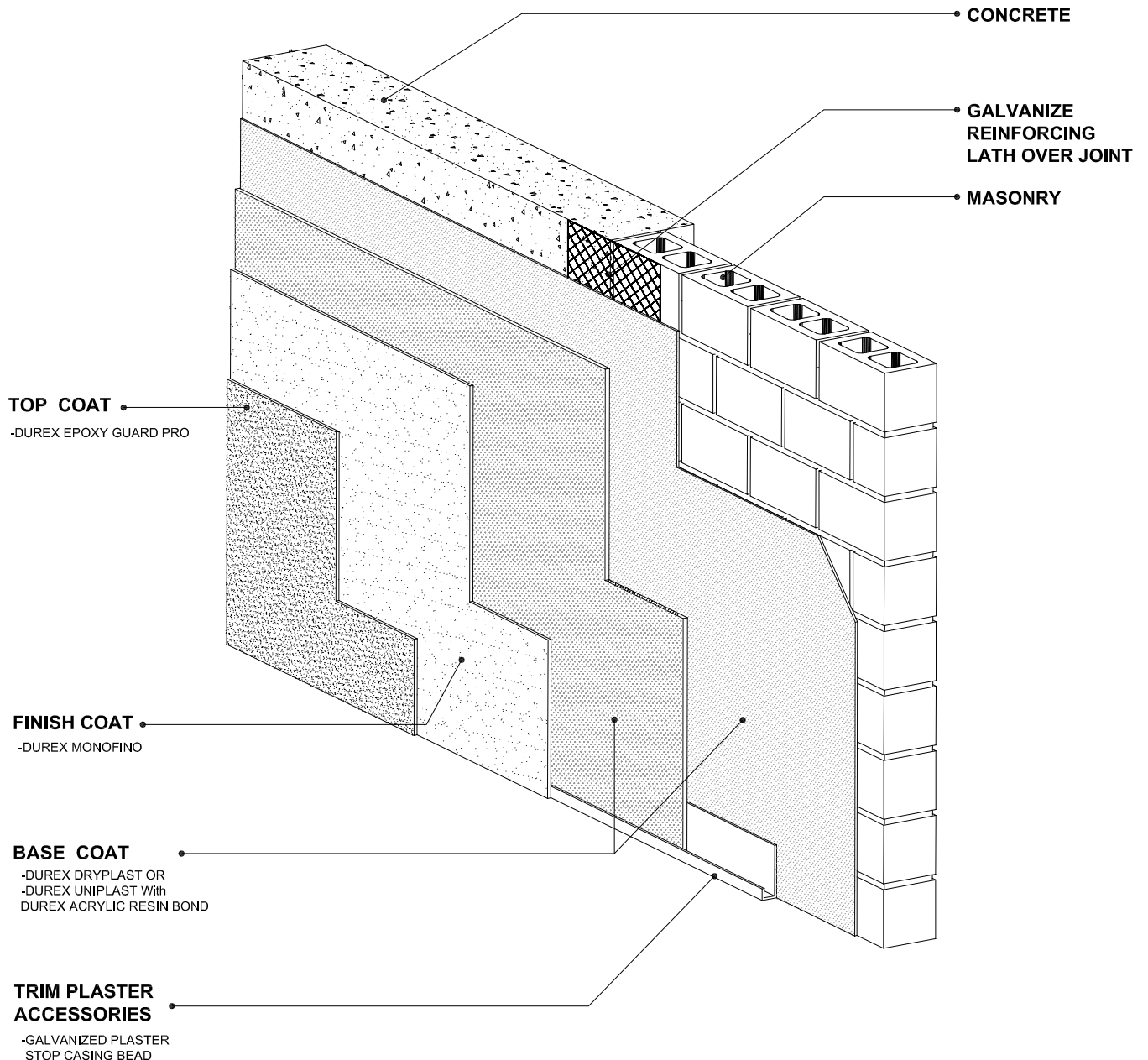
ISOMETRIC & SPECIFICATIONS

Durex®

Lite Coat Sport Court

High Impact Resistant Finishing System for
Squash & Raquet Ball Courts

*High Impact Resistant Finishing System for
Squash & Raquet Ball Courts*



DURABOND

1-877-387-2266 - info@durabond.com - www.durabond.com

Durabond details are offered to assist in the development of project specific details; principles and variables incorporated in all details are the sole responsibility of the project professional(s).

*System Isometric
& Components*

PART 1: - GENERAL

1.1 GENERAL REQUIREMENTS

- .1 All conditions of the contract and Division 1, General Requirements apply to this section.
- .2 All work shall meet applicable codes and standards, the Occupation Health & Safety Act, manufacturer's recommendations and good building practice.
- .3 System Description: A polymer modified, fibre-reinforced lite rendering system that is intended for direct application in sport facilities having concrete and/or masonry walls.
- .4 The direct applied lite Coat rendering system is intended for use on combustible and noncombustible construction.

SPEC NOTE: The rendering system is limited to application for sport facilities such as squash or internal tennis courts having concrete and/or masonry walls. The coating system not intended for use over framed walls.

1.2 COORDINATION

- .1 Ensure that the work of this section is coordinated with the work of related sections.

1.3 RELATED SECTIONS

- | | | |
|----|------------------|-----------------------------|
| .1 | Section 03 30 00 | Cast-in-Place Concrete |
| .2 | Section 04 20 00 | Unit Masonry |
| .3 | Section 06 10 00 | Rough Carpentry |
| .4 | Section 07 90 00 | Joint Protection (Sealants) |
| .5 | Section 08 00 00 | Openings |
| .6 | Section 08 50 00 | Windows |

1.4 REFERENCES

- .1 American Society for Testing Materials
 - .1 ASTM B117 Standard Practice for Operating Salt Spray (Fog) Apparatus.
 - .2 ASTM C1338 Standard Test Method for Determining the Fungi Resistance of Insulation Materials and Facings.
 - .3 ASTM C1382 Standard Test Method for Determining Tensile Adhesion Properties of Sealants When Used in Exterior Insulation and Finish Systems (EIFS) Joints.
 - .4 ASTM C1481 Standard Guide for Use of Joint Sealants with Exterior Insulation and Finish Systems (EIFS).
 - .5 ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials.
 - .6 ASTM E96/E96M Standard Test Methods for Water Vapor Transmission of Materials.
 - .7 ASTM E1131 Standard Test Method for Compositional Analysis by Thermogravimetry.
 - .8 ASTM E1252 Standard Practice for General Techniques for Obtaining

[PROJECT NO.]
[DATE]

[PROJECT NAME]
[PROJECT LOCATION]

- .9 ASTM G154 Infrared Spectra for Qualitative Analysis.
Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials.
- .10 ASTM G155-05a Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials.
- .2 Canadian Standards Organization (CSA)
 - .1 CSA A23.1/A23.2 Concrete Materials and Methods of Concrete construction/Test Methods and Standard Practices for Concrete
 - .2 CSA A23.3 Design of Concrete Structures
 - .3 CSA A23.4 Precast Concrete – Materials and Construction
 - .4 CAN/CSA A165.1 Concrete Block Masonry units
 - .5 CAN/CSA A 165.2 Concrete Brick Masonry Units
 - .6 CAN/CSA A 163.3 Prefaced Concrete Masonry units
 - .7 CAN3-A 165.4 Autoclaved Cellular Units
 - .8 CAN/CSA A371 Masonry Construction for Buildings
 - .9 CAN/CSA A3001 Cementitious Materials for Use in Concrete
 - .10 CSA S304.1 Design of Masonry Structures
- .3 ULC (Underwriters Laboratories of Canada)
 - .1 CAN/ULC-S102 Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.
 - .2 CAN/ULC-S114 Standard Method of Test for Determination of Non-Combustibility in Building Materials.

1.5 DESIGN CRITERIA

- .1 Structural Design
 - .1 Design professional shall design the back-up wall in full compliance with the requirements of the National Building Code (NBC) of Canada and/or applicable provincial or territorial building codes. Sufficient details on architectural plans and drawings shall demonstrate compliance to the NBC.
 - .2 Supporting Substrate
 - .1 All substrates shall be flat and plumb within 2 mm/m (1/4" per 10').
 - .2 All substrates shall be free of surface contamination, including (but not limited to): dirt, form release agents, efflorescence, oil and chalkiness.
 - .3 All substrates shall be free of any loose materials and cracks greater than 1 mm (1/24") in width.
 - .3 Mass Wall Substrates
 - .1 Mass wall substrates shall be of concrete or brick masonry units.
 - .2 Concrete or brick masonry units shall be at least 28 days old.
- SPEC NOTE: Substrate condition shall be as approved by Durabond Products Ltd. Questionable substrates to be reviewed by Durabond Products Ltd.*
- .4 Code-related Fire Protection
 - .1 The lite Coat rendering system is intended to be used in combustible or noncombustible constructions.

SPEC NOTE: Fire protection requirements are subject to provincial variations, refer to specific provincial fire protection code compliance requirements for specific allowances/limitations that may apply.

- .5 Design Details at Terminations
 - .1 The Lite Coat rendering system shall be terminated a minimum of 12.7 mm (1/2") from adjoining fenestrations and penetrations for sealant applications.
 - .2 The Lite Coat rendering system shall be terminated at interfaces with adjoining materials by using a 508g/m² to 694g/m² (15 - 20 oz) glass fibre reinforcement that would extend 200 mm to 250 mm (8" to 12") in on each side of the interface and which would be embedded in the scratch coat.
- .6 Sealant System
 - .1 Joints in the rendering system shall be sealed using an elastomeric sealant with a closed-cell foam backer rod or bond breaker tape, as specified in Section 07 90 00 and as tested to ASTM C1382.
 - .2 Where required, sealant installation shall conform with the requirements of ASTM C1481.
- .7 Expansion and Termination Joints
 - .1 Provide the specified backer rods for sealant joints at all expansion joints and fenestration interface locations.
 - .2 Expansion joints are required at the following locations:
 - .1 At movement joint locations within the substrate.
 - .2 At all other locations specified or indicated on drawings
 - .3 Termination joints are required at the following locations:
 - .1 At windows, doors and through-wall penetrations interfaces.
- .8 Finish
 - .1 The design professional shall assess the design of the building façade to the desired finish textures and colours that could be expected at various sections of the façade.
 - .2 Where the type of texture and the intensity of the selected colours include vibrant, accent and / or mass tone colours that are more susceptible to UV degradation, the designer shall specify the use of Durex Kolor Gard Architectural Coatings to augment and heighten the colour fastness.
 - .3 Sufficient details / notifications on architectural plans and drawings shall demonstrate the required specialized finish texture and colour of the exterior insulation and finish system.

1.6 SUBMITTALS

- .1 Product Data
 - .1 Submit Lite Coat rendering system's specifications and individual component data sheets to show compliance to the intent of the design specifications, and installation instructions.
 - .2 Submit approvals and/or evaluations applicable to the system and/or components to be installed.
- .2 Shop Drawings
 - .1 Submit shop drawings in accordance with requirements specified in Division 1.

- .2 Clearly indicate dimensions, tolerances and materials in large-scale details for terminations, drainage/venting, description of related and abutting components and elevations of units with locations of expansion joints, control joints, and reveals.
- .3 Samples
 - .1 Prior to application of mock-up, submit duplicate 150mm x 200mm (6" x 8") representative colour samples of each colour and finish coat texture.
 - .2 Maintain an approved sample at the project site.
- .4 Closeout Submittals
 - .1 Provide Lite Coat rendering system's maintenance, repair and cleaning procedures.
 - .2 Provide Lite Coat rendering system's material warranty as per section 1.10.
 - .3 Provide workmanship warranty by rendering applicator as per section 1.10
 - .4 Provide identification labels of colour batch numbers, water resistive barriers, base coat, finish coats and reinforcing mesh used.

1.7 QUALITY ASSURANCE

- .1 Qualifications
 - .1 System Manufacturer: All system components shall be manufactured or sold by the rendering system's manufacturer and purchased from the system's manufacturer and/or its authorized distributors.
 - .2 Contractor: Shall be knowledgeable in the proper installation of the rendering system and shall be in possession of the system's current Certificate of Installer. Work of this this specification shall be executed in conformance with good trade practices and manufacturer's installation manual.
- .2 Mock-Up
 - .1 The contractor shall, before installation works, provide the owner/consultant with a mock-up demonstrating the rendering system's components and application.
 - .2 The Mock-up shall be constructed to dimensions and in location specified by the Designer.
 - .3 The mock-up system's component shall include the scratch coat, base coat and finish coats that would include each colour and texture to be used.
 - .4 The mock-up shall demonstrate methods of application as well as typical details at opening (windows, doors etc.).
 - .5 The Mock-up shall serve for initial review purposes by the Consultant and when accepted shall represent the minimum standard for work and the basis for acceptance for the rest of the project.
 - .6 The mock-up shall be prepared with the same products, components, tools and techniques required for the actual project.
 - .7 The approved mock-up shall be available at all time at the jobsite and shall form the basis for acceptance for the remainder of the project.
 - .8 Accepted mock-up may remain as part of the work.

SPEC NOTE: More than one mock-up may be required if more than one coating colour and/or texture is required for the project.

1.8 DELIVERY, STORAGE, HANDLING & PROTECTION

- .1 All required materials and components shall be supplied by the manufacturer of the rendering system and shall be delivered to job site in original, unopened packaging with all identifying labels and markers clearly visible and intact. Upon delivery, materials shall be inspected for any damages and the system's manufacturer shall be advised, in writing of any damaged and/or unacceptable materials. Any defective materials and/or components shall not be used.
- .2 Materials shall be stored in a dry, vented, weatherproof enclosures, stacked off the ground, out of direct sunlight and other detrimental conditions. Pail products and liquid materials shall be stored at ambient temperatures above 5°C and below 35°C. All materials shall be protected from freezing or overheating.
- .3 Protective coverings shall be provided to all freshly-applied coatings to protect them from damages due to excessive heating or cooling and/or any other damages until the coatings have fully set and cured.

1.9 PROJECT/SITE CONDITIONS

- .1 Prior to installation of the Lite Coat rendering system, the substrate shall be examined with respect to the following:
 - .1 The substrate shall be type-approved by system's manufacturer.
 - .2 The substrate surface shall be free of any deleterious materials such as oil, dust, direct form-release agents, paint, wax glazing, water, moisture, efflorescence, frost, etc.
 - .3 The substrate shall be examined for soundness, such as tightness of connections, crumbling, spalling, delamination, voids, loose joints and projections.
 - .4 The substrate shall be examined for compliance with Contract Documents.
2. Ambient Conditions
 - .1 Application shall take place when ambient and substrate temperature are within the specified limits by manufacturer.
 - .2 Do not apply materials to wet, frozen or frosted surfaces.
 - .3 Application of patch coat, scratch coat, base coat, finish coat and top coat shall not proceed during conditions when ambient air and/or wall surface temperatures are below 5°C, or above 38°C. Wet applied coatings shall be protected from moisture until they are completely dry.
 - .4 Avoid coating surfaces that are directly exposed to direct sunlight or windy conditions.
 - .5 When necessary, ensure that a temporary climatized enclosure is provided in the area of work to maintain the required ambient air temperature prior to, during application and for a minimum of 24 hours after application of coating.

SPEC NOTE: Carefully co-ordinate to determine whether or not the General Contractor is to provide temporary enclosure and heat.

- .6 Do not apply finish coat in areas where dust is being generated.
- .7 Proceed with work only when surfaces and conditions are satisfactory for the

- production of perfect application.
- .8 Protect applied coating from rapid evaporation during dry and hot weather.
- .9 Consult system's manufacturer for recommendations should adverse conditions exist.

1.10 WARRANTY

- .1 The warranty period stipulated in the General Conditions of the Contractor shall be extended as follows:
 - .1 The system is eligible for a manufacturer's warranty from the date of substantial completion, upon written request, against defective material. For full applicable warranty details contact the system manufacturer.
 - .2 The manufacturer warranty is effective only when materials and workmanship comply with this specification.
 - .3 The system manufacturer does not warrant workmanship.
 - .4 The system applicator shall warrant workmanship separately against faulty workmanship.

SPEC NOTE: Substitution of materials and/or components specified in this specification shall void the manufacturer's warranty.

PART 2: - PRODUCTS

2.1 MANUFACTURER

- .1 All components of the Durex® Lite Coat - Sport Facility rendering system shall be manufactured and/or distributed by Durabond Products Ltd. or one of its authorized distributors. No substitutes of materials shall be allowed without prior written notice of the manufacturer.

2.2 WATER

- .1 Water, when used within the rendering mix shall be potable, clean and free from any deleterious substances.

2.3 SCRATCH/LEVELING COAT/

- .1 Durex® Uniplast Coarse, a two component, polymer-modified cementitious scratch coat, supplied in 22.7-kg bags. It is mixed with Acrybond S, a water-based 100% acrylic polymer additive in a ratio of 1 bag Durex® Uniplast Coarse to 5 litres of Durex® Acrybond S.

SPEC NOTE: The usage of the Scratch/Leveling Coat is generally required on masonry walls. Check with Durabond Products Limited for the use of scratch coat over concrete surfaces.

2.4 BASE COAT

- .1 Durex® Dryplast Medium, a one component, polymer-modified, fibre-reinforced, ready mix scratch coat that is supplied in 22.7-kg bags, mixed on-site with water in a ratio of 1 bag Durex® Dryplast Medium to 5 liters of potable water.

- .2 Durex® Uniplast Medium, a two component, polymer-modified cementitious scratch coat, supplied in 22.7-kg bags. It is mixed with Acrybond S, a water-based 100% acrylic polymer additive in a ratio of 1 bag Durex® Uniplast Coarse to 5 litres of Durex® Acrybond S.

2.5 FINISH COAT

- .1 Durex® Monofino, a ready-mix, glass fibre reinforced, flexible, cementitious plaster, with or without pigmentation, formulated with numerous features to facilitate and simplify its application. Durex® Monofino is mixed on site in a ratio of 1 bag Durex® Monofino to five (5) litres of water.
- .2 Durex® Kolor Gard Series Coatings, a 100% acrylic, water-based, high-build, multi-coloured, textured, protective coatings that include fade-resistant pigmentation technology for attaining and retaining vibrant accent and mass tone colours.

SPEC NOTE: In cases where the selected colours of the finish texture are of a vibrant accent and/or mass tone nature (Colours that require organic pigments in order to attain and retain the colour intensity), the designer is encouraged to consider specifying, exclusively, the use of Durex® Kolor Gard Series Coatings to augment and heighten the colour fastness of bright and mass tone coloured finishes. This engineered augmented UV fade resistance is limited to the Kolor Gard line of finishes that may result in additional application requirements that should be considered prior to tender.

2.6 TOP COAT

- .1 Durex® Epoxy Guard Pro, a two-component, water-based, UV-resistant epoxy coating. Durex® Epoxy Guard Pro is packaged in a kit (Part A & B) in 56.7 liters (15 gal) and 18.9 liters (5 gal).
- .2 Durex® Dur-X-Cel 100, an exterior grade, flat acrylic, latex-based paint, that could be pigmented to match almost any colour. Durex® Dur-X-Cel 100 is packaged in 18.9 liters (5 gal) pails. Durex® Dur-X-Cel 100 must be applied in a two-coat application.

2.7 TRIM & ACCESSORIES

- .1 All metal trims and accessories, expansion and control joints, casing beads/stops, corner beads shall be minimum 26-gauge, hot-dipped galvanized steel G60 coating, zinc alloy and shall be compatible with other metallic surfaces. Trim and accessories shall have a minimum ground of 6.4 mm (1/4").
- .2 PVC trims and accessories shall conform to ASTM D 1784, cell classification 13244C.
- .3 Provide all trims and accessories as detailed in shop drawings and/or as required to complete the work in accordance with good trade practices and reference standards.
- .4 Mechanical fasteners for trims and accessories shall be as a minimum hot-dipped galvanized corrosion resistant.

- .5 Fasteners for trims accessories shall be placed in the crotch of the trim flanges.

SPEC NOTE: The trims and accessories shall be selected by the designer and recommended by Durabond Products Limited.

SPEC NOTE: the depth (ground) of the accessories is dependent on the required thickness of the base coat, without the considering the thickness of the finish coat.

2.8 MIXING

- .1 Perform all mixing under the conditions set forth in Article 1.9 "PROJECT/SITE CONDITIONS".
- .2 Ensure materials, mixing and application equipment are clean and free of any contamination.
- .3 Prepare and mix scratch/levelling coat, base coat, finish coat and primer in strict accordance with Durabond's written instructions to obtain a homogeneous consistency of mixture.
- .4 Do not add any other additives, rapid binders, antifreeze, accelerators, fillers, surfactants to the mixture except those permitted by Durabond Products Limited.

SPEC NOTE: Do not use surfactants (household detergent) to modify the working consistency of the mix.

- .5 Do not use frozen, baked or lumpy materials.
- .6 Size batches for complete use within 45 – 60 minutes of its mixing.
- .7 Do not over-mix or use excessive mixing speed. Let mixed materials stand for a few minutes until they begin initial stiffening.

2.9 EQUIPMENT

- .1 All mixing shall be carried out with a clean, rust-free paddle mixer that shall minimize air entrainment, powered by a power-drill at 400-500 rpm maximum speed.
- .2 Metal trowels, hawks, utility knives, corner trowels and plastic floats

2.10 SEALANTS

- .1 Sealant: a low modulus sealant, as recommended and approved by Durabond Products Ltd. Standard colour shall be selected by consultant.

PART 3: - EXECUTION

3.1 EXAMINATION

- .2 Examine surfaces to receive the rendering system for defects that could adversely

affect execution and quality of work.

- .3 Ensure substrate surfaces, including each applied scratch/leveling and base coat are dry, solid and sound, free of weak and powdery surfaces, oil, grease, releasing agents and other deleterious materials detrimental to a positive bond.

SPEC NOTE: Deteriorating, weak, powdering or flaking surfaces may require further preparation work prior to installation of the rendering system. Check with the system's manufacturer for questionable substrate surfaces and conditions.

- .4 Ensure substrate tolerance is within 2 mm/m (0.25"/10') in plane and in plumbness.
- .5 Report in writing to Consultant all adverse conditions which will be detrimental to work of this Trade.
- .6 Do not start work until all unsatisfactory conditions have been corrected.
- .7 Commencement of work shall indicate acceptance of substrate conditions.

3.2 PREPARATION

- .1 Prepare substrates to receive the Lite Coat rendering system as recommended in manufacturer's instructions.
- .2 Thoroughly clean and wash (existing) surfaces, including each applied base coat, (and including existing coated surfaces) by wire brushing or other approved methods to remove all dirt, dust, grease, oil, latent, efflorescence, loose coatings and any other deleterious materials.
- .3 Where necessary, mask all surrounding surfaces to provide neat, clean, true juncture lines with no over-spray of the coatings on surrounding surfaces.
- .4 Co-operate and co-ordinate with other trades penetrating or abutting to the work of this Trade. Ensure that components by other trades are in position before the application of the rendering system.

3.3 APPLICATION

- .1 General:
 - .1 Supply experienced and qualified installers and applicators to carry out the work.
 - .2 Mix materials in accordance with manufacturer's instructions.
 - .3 Install the rendering system in strict accordance with the approved mock-up and manufacturer's printed instructions (and reviewed shop drawings).

SPEC NOTE: Correlate requirements for shop drawings with Article 1.6.

- .2 Trim Accessories
 - .1 Install, where required, all trim accessories prior to the installation of the scratch/leveling coat, except for external reinforcing beads.
 - .2 Install all trims straight, level and plumb to a tolerance of not more than 3 mm in 3.0 m (1/8" in 10' - 0")

- .3 Discard all trim sections what are damaged in any way.
- .4 Secure all trims at not more than 300 mm (12") o.c.
- .5 Install casing beads at all terminations, around all openings and at all control joints and leave a 12.7 mm (1/2") space for caulking.

.3 Scratch/Leveling Coat

SPEC NOTE: The proper installation of the primer and finish coats require a straight, smooth, and even surface; thus, careful attention at this stage of the application is most important to complete the final application of the finish coat. 75% of curing occurs in the first 7 days from initial application. In this period, application of sufficient moisture is most important to avoid shrinkage and subsequent cracking.

- .1 Apply a scratch coat after trims and accessories have been securely in place.
- .2 Apply the scratch/leveling coat firmly over the trim accessories. The scratch/leveling coat shall be applied at a thickness of 15 mm to 20 mm, uniformly and forcefully to fully fill all voids and ensure full bond with the substrate and to sufficiently cover and embed the trims and accessories.
- .3 On masonry surfaces with deep joints (raked), apply the scratch/leveling coat to fill only the joints. Allow minimum 24 hours to cure before applying a full scratch/leveling coat over the entire masonry surface.
- .4 Allow a minimum of 3 days for curing and drying prior to the application of the base coat.

.4 Base Coat

- .1 Ensure that the surface of the scratch/leveling coat is dry and free of loose materials, and dirt and that detail work has been completed.
- .2 In hot, dry weather, if the scratch coat surface is exceptionally dry, lightly dampen the surface with a fog mist of clean potable water. Do not oversaturate with water, as it will impair the bonding of the base coat.
- .3 Install a section of detail glass fibre reinforcing fabric, 225 mm x 400 mm (9" x 16") at corners of all openings in masonry walls where a joint has not been installed.

SPEC NOTE: The work related to Item 3 in this section is limited to masonry walls

- .4 Trowel apply a layer of base coat over the scratch/leveling coat surface, applying sufficient force to ensure full bond with the substrate surface.
- .5 Use a straight edge tool to darby the surface and bring it to a straight, even and true surface.
- .6 The thickness of the base coat shall be between 2 to 4 mm, and shall not exceed 9mm (3/8").
- .7 When the base coat has taken initial set, use a wood or sponge float to work he surface with light circular motions to remove all high points and fill low points.
- .8 The final surface shall be smooth, straight and true to a tolerance of not more than 3.2 mm in 3 m (1/8" in 10'-0"). The surface shall be free of trowel marks, irregularities ad visible mesh pattern.
- .9 Allow a minimum of 3 days for curing and drying.

.5 Finish Coat

- .1 Apply Durex® Monofino finish coat within 3 days after application of the system's selected primer. Longer periods may be scheduled between operations provided that the primed surface is kept clean and in good

- condition.
- .2 Apply Durex® Monofino finish coat in strict accordance with manufacturer's printed instructions for the Selected finish.
 - .3 Apply the finish coat in such a way as to match the colour and texture of the approved site mock-up.
 - .4 Prevent rapid evaporation and protect freshly applied finish coat from inclement weather until it has fully set and cured.
 - .5 Allow a minimum of 24 hours for curing and drying.
 - .6 Do not apply the finish coat onto surfaces that are intended to be caulked.

SPEC NOTE: In cases where the selected colour of the finish texture is of a vibrant, accent and/or mass tone nature for which Durex® Kolor Gard Series have been specified, the applicator shall ensure that the products and their respective application procedures are followed and no substitutions are made in product and/or in application. The engineered augmented UV fade resistance is limited to the Durex® Kolor Gard line of finishes that may result in additional application requirements that should be considered prior to tender.

.6 Top Coat

- .1 Concrete and masonry substrates to be treated with top coat must be solid, dry, clean, and free of weak and powdery surfaces, laitance, ice, snow, dew, frost, oil, grease or any other deleterious materials that could be detrimental to achieving a positive bond.
- .2 New concrete and masonry mortar shall be allowed to cure a minimum 28 days and to achieve a compressive strength of at least 25 MPa (3,625 psi) before coating.
- .3 Concrete or masonry surfaces must have less than 4% moisture content at the time of application.
- .4 Cracks in the substrate shall be treated with Durex® Epotel Crack Filler, a two-component, solvent free, flexible epoxy compound.
- .5 Temperature in work areas to receive the top coat shall be maintained above 10 °C for at least 24 hours before, during and until coatings have fully cured.
- .6 Maintain a dust-free environment for duration of work.
- .7 Mix two (2) parts by volume of Part 'A' (Epoxy resin) with one (1) part by volume of Part 'B' (catalyst) of Durex® Epoxy Guard Pro in a clean rust-free container.

SPEC NOTE: Durex® Epoxy Guard Pro does not require an induction period and can be used immediately. Once mixed the product will last two to three (2-3) hours depending on surrounding temperatures.

- .8 Apply Durex® Epoxy Guard Pro with a roller for best results. Avoid stop and start lines within any one section of the wall. Ensure the final stroke of the roller is always in the same direction and with the same pressure applied to the roller. Maintain a wet edge to prevent overlap marks and gloss differences.
- .9 Allow a minimum of 24 hours for drying between coats.

SPEC NOTE: Durex® Epoxy Guard Pro is designed as a two-coat application.

- .10 Thoroughly stir Durex® Dur-X-Cel 100 in its own pail before each use. Discard all frozen materials and/or materials that have formed solid lumps at the bottom of the pail and materials that don't appear to be of a homogenous

- viscosity.
- .11 Using a 6.4 mm (1/4") pile roller, dip the instrument into the stirred mail of material. Apply the paint with several passes or the roller evenly spreading the paint over the entire surface

SPEC NOTE: Don't substitute nor compensate Durex® Dur-X-Cel 100 with water or any other additives.

3.4 JOINTS

- .1 Provide expansion joints in alignment with building expansion joints.
- .2 Install expansion joints at all locations of maximum stress, in the direction as shown on drawings.
- .3 Unless otherwise noted, provide all joints 12.7 mm (1/2") wide.

SPEC NOTE: As a rule of thumb, fulfill requirements 1 and 2 and then arrange the other requirements to best suit the intended aesthetics of the building.

3.5 SEALANTS

- .1 Seal and caulk all joints in the Lite Coat rendering system with the system's specified elastomeric sealant that shall be applied over a compatible closed-cell foam backer rod or bond breaker tape.
- .2 Seal and caulk all expansion joints between the Lite Coat rendering system and dissimilar abutting building components.
- .3 Apply sealant and/or sealant primer in strict accordance with the sealant manufacturers printed instructions.

SPEC NOTE Apply sealant and/or sealant primer to base coat only.

3.6 SPECIAL CLEANING

- .1 Clean off all surfaces and work area of foreign materials resulting from material installation and leave work in clean condition.
- .2 Entirely reinstate at this Trade's own expense, any surface not to be coated, but soiled and attributable to this Trade due to spillage, mixing of material or any other cause.

3.7 PROTECTION

- .1 Protect the installed Lite Coat Rendering system from damage during construction.
- .2 Provide protection of installed materials from precipitation, freezing, excessive heat, dust, and dirt during installation and curing of the system.
- .3 Provide protection to adjacent materials that could be damaged by the system's installation.
- .4 Post appropriate warning signs while work is in progress and during curing period.

[PROJECT NO.]
[DATE]

[PROJECT NAME]
[PROJECT LOCATION]

- .5 Clean off all surfaces and work area of foreign materials resulting from material installation and leave work in clean condition.

END OF SECTION