



Bill of Quantities Guidance Document

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Introduction

This document has been prepared as a user reference guide, to be read in conjunction with the selected Dryvit System/s Guidance Bill of Quantities proposed for use on a given project.

These guidance bills of quantities should enable efficient production of bill sections relative to the Dryvit works and have generally been prepared in accordance with the Standard Method of Measurement, SMM7 edition revised 1998 incorporating Amendments 1 and 2. In certain instances it has been considered necessary to depart from the rules of the SMM to fully reflect the costs involved in the proper execution of the works.

No attempt has been made in the Guidance Bills of Quantities to include items for Preliminaries/General Conditions, etc., as these will very much depend on the type of contract and location and will vary considerably from project to project.

We suggest the Quantity Surveyor/Specifier contact Dryvit in the first instance to discuss specific needs, so that the appropriate system can be recommended. We can be contacted as follows:

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Company Profile

Dryvit has been part of the Exterior Insulation and Finish Systems industry for over 30 years with a world-wide portfolio of case history projects of various sizes. An RPM subsidiary company with ISO 9001.

All Dryvit Systems offer unlimited design freedom with high performance properties. The Dryvit range of systems are specified to meet all the functional and aesthetic needs of a building's external envelope, allowing the designer to select from a large variety of textured finishes and colours.

How To Use The Guidance Bill Of Quantities

1. Dryvit system description should be produced in relation to the Specifier's relevant specification work section, which should have been prepared in accordance with the current Dryvit (NBS) Model Specification.
2. Variable text is denoted in **bold font** within brackets [] and is dependent on the bespoke project specification e.g. [**Genesis 3-4 thick**]. Should you have any queries please consult the Specifier or Dryvit UK Ltd.
3. Standard items are denoted in ordinary font and are listed to cover minimum application procedures and should only be omitted if not relevant to the project requirements.
4. Optional items are denoted in *italic* font and are provided as examples of bespoke project requirements. These should be omitted if not required. Additional bespoke items may be added to suit project requirements.
5. Take-off measures - please refer to the installation procedure notes in the specification document or current Dryvit literature to ensure that items are measured correctly. Should you have any queries please contact Dryvit UK Ltd.

Disclaimer

Information contained in the Dryvit Guidance Bill of Quantities conforms to standard detail and product recommendations for the installation of the relevant Dryvit system/s and component products as of the date of publication of this document and is presented in good faith. Dryvit UK Ltd. & Dryvit Systems Inc. assumes no liability, expressed or implied, as to the bill items included in the guide bill of quantities, measures, architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact Dryvit UK Ltd.

Brief System Guide

A. Dryvit® External Wall Insulation and Finish Systems (EIFS) are available for a variety of applications suitable for commercial and residential projects. The Dryvit EIFS holds BBA Agrément Certificate No. 98/3548 Detail Sheet 1.

Rainscreen Cladding (NBS H92)

1. **Dryvit Infinity® System:** A commercial pressure-equalised and moisture drained engineered rainscreen EIFS with thermal properties. It incorporates grade SD type FRA expanded polystyrene (EPS) insulation for thermal performance.

External Insulation & Finish Systems (NBS M21)

1. **Dryvit Outsulation® Plus System:** A high-performance EIFS with moisture drainage incorporating an Air & Moisture Protective Barrier and grade SD type FRA expanded polystyrene (EPS) insulation for thermal rating.
2. **Dryvit Outsulation® System:** An original performance polymer-based barrier EIFS incorporating grade SD type FRA expanded polystyrene (EPS) insulation for thermal rating. Agrément Certificate No. 98/3548 Detail Sheet 2.
3. **Dryvit Roxsulation® System:** An original performance polymer-based barrier EIFS incorporating mineral wool (slab or lamella) insulation for thermal rating. Agrément Certificate No. 98/3548 Detail Sheet 3.
4. **Dryvit Rail System™:** A mechanically fastened rail EIFS for renovation, to be used over walls with damaged or brittle substrates or irregular surfaces. Incorporates grade SD type FRA expanded polystyrene (EPS) insulation for thermal rating.
5. **Dryvit Residential MD System®:** A residential EIFS with moisture drainage, incorporating grade SD type FRA expanded polystyrene (EPS) insulation for thermal rating. The system has a specially designed fibrous mat that is installed between the secondary weather barrier and the insulation board - to create a drainage plane. The system is mechanically fastened over a weather barrier to plywood. This system can also be applied in commercial use if required.

B. Dryvit® ACR anti-crack render systems are available for a variety of applications and substrate types suitable for commercial and residential projects.

Anti-Crack Renders (NBS M20)

1. **Dryvit ACR 300™:** High performance crack resistant non-cementitious base coat incorporating an alkali-resistant glass fibre reinforcement providing ultimate flexibility and crack resistant properties with either the Dryvit 100% acrylic PMR & DPR coating or the Weatherlastic *elastomeric* finish plus the option of the two component pre-bagged polymer modified render.
2. **Dryvit ACR 200™:** Crack resistant polymer modified cementitious base coat incorporating an alkali-resistant glass fibre reinforcement with the Dryvit 100% acrylic PMR finish coat and DPR technology plus the option of the two component

pre-bagged polymer modified render. This system is truly flexible offering crack resistance.

3. **Dryvit ACR 150™**: Two component pre-bagged polymer modified render incorporating a lightweight fibre reinforcement to increase the flexural strength and crack resistance of the render including the Weatherlastic *elastomeric* 100% acrylic PMR finish coat and DPR technology with all the benefits of Dryvit ACR 100.
4. **Dryvit ACR 100™**: Cost effective system incorporating the Weatherlastic *elastomeric* 100% acrylic PMR and DPR technology finish coat offering hairline crack bridging capabilities and the option of a two component pre-bagged polymer modified render with the benefits of Dryvit ACR 50.
5. **Dryvit ACR 50™**: Cost effective system incorporating the Dryvit 100% acrylic Proven Mildew Resistant (PMR) and Dirt Pickup Resistant (DPR) technology finish coat plus the option of a two component pre-bagged polymer modified render offering greater flexural strength than that of a traditional sand/cement render system.

C. Dryvit® acrylic finish coats are available in a variety of textures, colours, and performance for both exterior and interior application.

Acrylic Finish Coats (NBS M60)

1. **Weatherlastic Smooth**: a water-based, *elastomeric* coating specified for use as a waterproof, decorative coating. It is easily applied with an airless spray or roller. Weatherlastic Smooth is based upon a 100% acrylic, copolymer *elastomeric* resin, which provides excellent elongation and flexibility at low temperatures and after weathering. The coating resists mildew growth, dirt pickup and is also highly chalk-resistant.
2. **Demandit®**: used on a wide range of interior and exterior surfaces, is a 100% acrylic coating which is offered in a variety of standard colours and custom colours. Demandit contains the most effective ingredients available to help resist mould and mildew growth. Ideal for the maintenance of Dryvit External Insulation Finished System (EIFS) and is also Anti-carbonation coating (Taywood Engineering tested).
3. **Revyvit®**: is a premixed water-based high performance sand-textured interior or exterior coating. It can be roller or brush-applied and is available in a variety of standard colours as well as custom colours.
4. **Quartzstone®**: finishes are premixed 100% acrylic-based coatings, which are, offered in standard or custom colours. The finishing touch that adds lasting colour and texture to exterior and interior walls. Dryvit finishes will remain cleaner longer with improved dirt pickup resistant chemistry. 2-3mm aggregates.
5. **Beachstone®**: finishes are premixed 100% acrylic-based coatings, which are, offered in standard or custom colours. The finishing touch that adds lasting colour and texture to exterior and interior walls. Dryvit finishes will remain cleaner longer with improved dirt pickup resistant chemistry. 1mm aggregates
6. **Sandpebble®**: pre-mixed 100% acrylic-based coatings, which are offered in standard or custom colours. The finishing touch that adds lasting colour and texture to exterior and interior walls. Dryvit finishes will remain cleaner longer with improved dirt pickup resistant chemistry. 1.5 –2mm aggregates.

7. **Sandpebble Fine®**: pre-mixed 100% acrylic-based coatings, which are offered in standard or custom colours. The finishing touch that adds lasting colour and texture to exterior and interior walls. Dryvit finishes will remain cleaner longer with improved dirt pickup resistant chemistry. 0.75mm aggregates.
8. **Ameristone™**: rock solid and beautiful, provides the architect and designer with a new level of durability and performance in an elegant architectural stone finish. Ameristone is a dramatic blend of natural aggregates varying in size and colour, encased in a clear, 100% acrylic binder.
9. **Ameristone NT™**: is a hybrid version of Ameristone with a higher content of glass and quartz providing a rich light-reflecting surface. The base components are a blend of natural aggregates varying in size and colour, encased in a clear, 100% acrylic binder.
10. **Stone Mist®**: Stone Mist is a natural finish that accents the environment in subtle tones and enhances any exterior or interior wall. Special aggregates pick up the natural sunlight reflecting the glitter and beauty of only the rarest of stones. Coloured quartz aggregate finish is set in a 100% acrylic binder. Stone Mist is available in ten custom designed colours.

D. Sheathing Board: Dens-Glass® Gold as supplied by Dryvit UK is recommended as our preferred substrate sheathing board, which can be applied to lightweight metal frame construction. The board is also suitable for use as an alternative to plywood in timber frame construction. Dryvit EIFS, and coatings can be applied directly to this board externally or internally depending on requirements.

Sheathing board (NBS H20)

Dens-Glass® Gold is a “paperless” gypsum-sheathing panel made of a patented water resistant and silicone-treated core, surfaced with glass mat facings and a “gold” coloured alkali-resistant coating. The panels are highly resistant to delimitation and deterioration due to weather.

Properties: Dens-Glass® Gold is non-combustible, with superior performance which exhibits 50-100% greater flexural strength than regular gypsum sheathing, with a dimensional stability that assures resistance to warping, rippling, buckling and sagging for a flat and even substrate.

Primary uses: Wide exterior variety of uses including:

- A. External applications for use with e.g.
 1. Exterior Insulation Finished Systems (EIFS).
 2. Single-ply backing panels to claddings e.g. timber cladding, vinyl cladding, timber & ply cladding, built-up composite cladding, wood shingles, stone, brick or render systems.
- B. Internal applications: Interior finish systems that require a substrate panel with superior fire and moisture resistance e.g.
 1. Painted ceilings.
 2. Lining to structural soffits.

Dimensions: 2.44m x 1.22m boards (8' x 4'); 12.7mm (1/2") thick for studs up to 400mm centres; 15.9mm (5/8") thick for studs up to 600mm spacing.

Component Products Used In The Dryvit Systems Listed Above

Data sheets and material safety data sheets (MSDS) for the products listed below are available directly from Dryvit UK Ltd. or by download from our web site address on www.dryvit.co.uk.

Sheathing Board:

Dens-Glass® Gold – fibre mat faced silicone treated gypsum sheathing board.

Air & Moisture Barriers (Outsulation Plus & Infinity systems only):

Backstop - acrylic based air & moisture barrier – pails & type II OPC
Backstop NT – high performance acrylic based air & moisture barrier – pails & OPC
Dryvit Dryshield ABA - acrylic based air & moisture barrier – pails & type II OPC
Dryvit Flashing Tape™ high density, polyethylene backed tape.

Insulation adhesives:

Genesis – polymer modified cementitious adhesive – pails mixed with type II OPC.
GenesisDM – polymer modified cementitious adhesive – premixed bags.
Rapidry DM 30-50 – fast setting adhesive for winter working – premixed bags.
Rapidry DM 50-75 – fast setting adhesive for winter working – premixed bags.
Dryflex – waterproof adhesive – premixed pails.
Adeps – acrylic adhesive for wooden or non-standard substrates.
Dryvit Dryshield ABA - polymer modified cementitious adhesive – premixed bags.

Adhesive for fixing drainage track/strips etc to air moisture barriers:

AP Adhesive™ - moisture cure urethane based adhesive

System accessories:

Dryvit Starter Track – plastic or powder coated aluminium base track.
Dryvit Drainage Strip – corrugated plastic sheet material, Outsulation Plus system only.
Dryvit Track - plastic “J” shaped track, Infinity system only.
Dryvit Vent Track – plastic “J” shaped track, Infinity system only.
Dryvit Vent Assembly – EPS& aggregate drainage block, Infinity system only.

Insulation:

Expanded polystyrene boards (EPS) grade SD type FRA to BS 3837, 15Kg/m³
Mineral wool slab board 140Kg/ m³ to BS 5803 – Roxsulation system only
Mineral wool lamella board 80Kg/m³ to BS 5803 –Roxsulation system only.
I.S Insulation – Infinity system only.
I.S Insulation Closure Block - Infinity system only.

Fixings:

Nylon fixings – length determined by thickness of insulation and substrate type (if required).

Beads:

Dryvit Powder Coated Aluminium Stop Bead - Dryvit ACR systems only
Dryvit Powder Coated Aluminium Corner (angle) Bead - Dryvit ACR systems only
Dryvit Powder Coated Aluminium Bellcast Bead - Dryvit ACR systems only

Base Coats:

NCB – non-cementitious base coat – premixed pails
Genesis – polymer modified cementitious base coat – pails mixed with type II OPC
GenesisDM – polymer modified cementitious base coat – premixed bags
Rapidry DM 30-50 – fast setting base coat for winter working – premixed bags
Rapidry DM 50-75 – fast setting base coat for winter working – premixed bags
Dryflex – waterproof base coat – premixed pails

Fibre Reinforcing Mesh:

Detail® Mesh: (impact resistance 4 Nm)
Standard™ Mesh: (impact resistance 4 Nm)
Standard Plus™ Mesh: (impact resistance 6 Nm)
Intermediate® Mesh: (impact resistance 12 Nm)
Panzer® 15 Mesh: (impact resistance 14 Nm)
Panzer® 20 Mesh: (impact resistance 36 Nm)
Corner Mesh® : Mesh (impact resistance 36 Nm)

Finishes:

Standard PMR 100% acrylic textured finishes with Proven Mildew and Dirt Pick Up resistance technology. Used in conjunction with Colorprime primer.

Freestyle®
Sandblast®
Sandpebble Fine™
Sandpebble®
Quartzputz®

Elastomeric 100% acrylic textured finishes with crack bridging capabilities including the DPR & PMR technology: Used in conjunction with Weatherprime primer.

Weatherlastic™ Quarzputz
Weatherlastic Sandpebble
Weatherlastic Sandpebble fine

Weatherlasiic Adobe
Weatherlastic Smooth

Standard non-textured acrylic finishes containing the DPR & PMR technology suitable for interior or exterior works:

Demandit® (Weathercoat™ Smooth)
Revyvit® (Weathercoat Textured)
Sealclear

Speciality acrylic finishes suitable for interior or exterior applications:

Quartzstone
Beachstone
Ameristone
Ameristone NT
Stone Mist®
Metallics
Custom Brick®/Stone

Sealant:

Dryvit 1 – Low modulus silicone sealant or equal. Consult Dryvit UK Ltd for list of approved sealants

Dryvit Systems Guidance Bill of Quantities are available for the following:

H92 Infinity; M21 Outsulation Plus; M21 Outsulation; M21 Roxsulation; M21 Dryvit Rail; M21 Residential MD; M20 Dryvit ACR 300; M20 Dryvit ACR 200; M20 Dryvit ACR 150; M20 Dryvit ACR 100; M20 Dryvit ACR 50; M60 Dryvit Acrylic Finishes; H20 Dens-Glass Gold sheathing board.