

Conditions of Specification

Overview

The excellent performance of all WATTYL® coatings and coating systems is dependant upon correct surface preparation, application and curing as outlined in WATTYL PAINTWORKS® Specifications, Technical Data Sheets and this document. In accepting a WATTYL® coating specification, you acknowledge the following conditions of specification and the effect that failure to adhere to these conditions may have on any warranties offered in respect of the coating system performance.

Where any conflicts exist between the information in this document and any WATTYL PAINTWORKS® Specification or Technical Data Sheet, the Specification or Technical Data Sheet shall take precedence.

Surface Preparation

All surfaces should be prepared in accordance with the recommendations detailed on each WATTYL PAINTWORKS® Specification and/or WATTYL PAINTWORKS® Technical Data Sheet. If unique circumstances exist, contact WATTYL® for further advice.

Applicators of texture coatings

The person who applies a WATTYL GRANOSITE® coating system (hereafter referred to as the 'Applicator') shall be one who has undergone training by WATTYL® and who is currently recognised by WATTYL® as an "Applicator skilled in the application of WATTYL GRANOSITE® products and systems". If the Applicator has not undergone training and/or is not recognised as being skilled in the application of WATTYL GRANOSITE® products, WATTYL® reserves the right to void all manufacturers warranties on the performance of the coating system beyond those warranties required by law.

Quality Assurance System

The person/s to whom the Applicator is contracted (hereafter called the 'Main Contractor'), shall ensure that the Applicator implements the appropriate quality assurance system for the surface preparation, application of coatings, curing, handling, storage and protection of all WATTYL® products.

Records

The Applicator shall prepare records of weather conditions and product use. When the job has been completed the Applicator shall hand over these records to the appropriate parties. The Applicator should record the ambient temperature, surface temperature, relative humidity and dew point at regular intervals on a daily basis.

The Applicator should record the product batch numbers of each coating and the location where that coating was applied and the date and time each item was coated.

Coating system specification

Each WATTYL PAINTWORKS® Specification contains a detailed description of a particular system. Listed are products, coverage rates, number of coats, order of application, recoat times etc. It is the responsibility of the Main Contractor to ensure that all parties have a full understanding of what the specification requires. All technical questions should be directed to WATTYL®'s Technical Services Department on 0800 735 551.

Product substitution

All coating materials used for a project must comply with the WATTYL PAINTWORKS® specification/s nominated unless otherwise approved by the Main Contractor or other authorising body. WATTYL® will not take responsibility for difficulties caused by the use of substituted products in a system.

Provision of materials on site

All materials comprising the coating system as specified in the clause "coating system specification", shall be delivered to site with all container seals and product identification intact, no earlier than nine months before application. It is the responsibility of the Main Contractor and the Applicator to ensure that all products are fully protected from frost, damp and excessive heat, whilst on site. Refer to the WATTYL PAINTWORKS® Technical Data Sheet for specific storage guidelines for each product.

Material Safety Data Sheets

The Applicator shall obtain copies of all relevant Material Safety Data Sheets (MSDS). Local health and safety regulations shall be followed at all times in addition to any specific precautions outlined in the MSDS for each product. Specific attention must be paid to any warning and instruction labels either on the product container or in the WATTYL PAINTWORKS® Technical Data Sheet or MSDS.

The Applicator shall be responsible for implementing all safety requirements.

Condition of the substrate

It shall be the responsibility of the Main Contractor to ensure the substrate to which the coating system is to be applied is of a fit standard to permit the desired finish.

For pre-cast and off-form concrete, this minimum standard shall be considered as the equivalent of that laid down in AS3610:1995 – Formwork for Concrete.

For brickwork this minimum standard shall be considered as the equivalent of that laid down in AS3700:2001–Masonry Structures. If the natural joint in the brickwork or blockwork is to be featured, joint finishing shall be grooved (not pointed or raked) to a depth that shall not exceed 5mm. If the natural joint pattern is not to appear, brickwork or blockwork must be fair-faced and flush-jointed.

For rendered surfaces, this minimum standard shall be considered as the equivalent of that laid down in British Standards BS 5492:1990 – “Internal Rendered Finishes” and BS 5262:1991 – “External Rendered Finishes”.

All sheet materials such as plasterboard, waterproof plywood, Fibre Cement Sheet and Autoclaved Aerated Concrete (AAC) shall be installed or reinstated in the manner regarded as proper practice by the relevant industry association or made good to the equivalent of that standard.

Fresh cementitious substrates should be left a minimum of 28 days before coating. There must be less than 15% moisture Wood Equivalent in the surface at the time of application to ensure optimum coating performance.

In addition to the standards referenced above and information contained in WATTYL PAINTWORKS® Specifications and Technical Data Sheets, compliance with guidelines in AS/NZS 2311:2000 – Guide to the painting of buildings, shall also be deemed to form part of these conditions of specification. Where conflicts occur between published standards and the information contained in WATTYL PAINTWORKS® Specifications and Technical Data Sheets, the WATTYL® Specifications and TDS shall take precedence.

All substrates shall be free of dirt, grease, loose or flaking paint, scaling and laitance, efflorescence, mould, fungi, stains, rust, form oil, mastic compound or any other foreign matter. It shall not be subjected to continual wetting or hydrostatic pressure.

The Applicator shall, at the time of preparing the Applied Site Sample (see below), advise the Main Contractor if the substrate is of sufficient standard to achieve the desired finish.

Commencement of product application by the Applicator will be deemed as acceptance of the substrate as being of a sufficient standard for the selected coating system.

It is the ultimate responsibility of the Main Contractor to make good any substrate not finished to the above standards.

Provision of Applied Site Sample/s and Reference Area for Texture Coatings

In the interests of quality control, the Applicator shall prepare one or several Applied Site Samples, which shall be as near as practicable to any Project Sample produced during the specification stage.

The Applied Site Sample shall be of not less than four square metres and shall be applied to such areas of substrate as to encompass all the variations to be encountered in the coating of the substrate in its entirety. It shall present the colour & texture and minimum dry film thickness of the completed coating, and once approved by the Main Contractor shall be regarded as the Reference Area by which the finished job is judged subject to the permissible variations as specified in clause headed “Standard of finished work/permissible variations”.

The Applied Site Sample shall be applied no later than one month after sufficient of the substrate has been constructed and made good to provide the range of variations of substrate condition (including construction and expansion joints, tie holes, contours, contaminations, laitance, leaking, misalignment, shrinkage, form-marks, damp, blooming, patching or any other) that are likely to be encountered during the coating of the substrate in its entirety.

The Main Contractor shall advise the Applicator when this stage has been reached and shall permit him access to the site to prepare the Applied Site Sample. Provision shall be made to cover all costs of labour and materials entailed in the preparation of the Applied Site Sample.

Weather Restrictions

All products within the specified system shall not be applied to wet surfaces. All WATTYL PAINTWORKS® systems shall be applied to substrates containing less than 15% moisture wood equivalent. WATTYL® products shall be applied in dry atmospheric conditions above 10°C and below 35°C.

Application

The performance of a WATTYL® coating system is reliant upon correct application. It is the responsibility of the Applicator to ensure that all products within a system are applied in accordance with the WATTYL PAINTWORKS® Specification and the relevant Technical Data Sheet for each product. This will include but is not limited to (a) application of all coats within the specified system, (b) correct film builds, (c) correct order of application and (d) adherence to specified recoat times.

Application equipment

All application equipment shall be of a standard appropriate for the work and workmanship required.

Colour

It is the responsibility of the Applicator to check the colour of each container of material provided, against the approved Project Sample or other approved colour reference sample, BEFORE commencing application. Where more than one container of material is to be used for the final coat, all containers should be checked for accurate colour and then boxed together to ensure overall consistency.

Adequate material should be ordered to site to allow completion of an entire level or sectioned area. For texture coatings, where the area requiring coating exceeds 1500sqm, factory tinted batches of the final coat should be ordered to ensure product & colour consistency.

The exterior durability of colours varies and not all colours within the WATTYL® system are recommended for outdoor use. Please consult with WATTYL® Technical Services for clarification.

The combination of dark colours and extreme sun exposure can lead to both coating and substrate failure. Careful consideration must be given to the selection of substrate, colour and exposure to ensure a satisfactory outcome. Colours of Light Reflectance Values (LRV) of less than 40% on fibre cement substrates and less than 35% on polystyrene boards or to polystyrene block permanent formwork substrates may result in unacceptable thermal movement and should not be used.



Expansion joints and day work joints

All expansion joints must be sealed or filled after the coating has been applied. If the joint is sealed or filled first, the coating shall not be applied over such joints. Care must be taken when joints are sealed or filled not to stain or interfere with the final coating. The day work joints of the coating shall be established by consultation between the Main Contractor and the Applicator.

Protection of adjoining surfaces during application

It shall be the responsibility of the Applicator to provide standard protection to all surfaces adjacent to the areas being coated and to remove this protection on the completion of the application.

Standard of finished work/permissible variations

As near as practicable, the finished coating shall match the approved Applied Site Sample in terms of colour, texture and uniformity. In judging permissibility of variations, due regard shall be taken of texture variations caused by variation of substrate and illusion of variation that can arise from uneven or unusual illumination (e.g low angle lighting that highlights surface imperfections).

Inspection

WATTYL® is not required in any way to conduct on site inspections of WATTYL® coating systems. However, at WATTYL®'s discretion and with the approval of the Main Contractor, WATTYL® may provide a representative to site, to inspect the quality of surface preparation and/or application of WATTYL® coating systems. Any such inspection is in no way an indication of WATTYL®'s acceptance of (a) the standard of workmanship of the Main Contractor or Applicator or (b) the adherence to the specified coating system or the conditions of specification.

If as a result of any inspection, WATTYL® becomes aware of any issue that may affect the performance of the coating system as specified, WATTYL® shall promptly advise the Main Contractor and Applicator.

Cleanliness

On completion the Applicator shall restore the site to an agreed standard removing all empty cans and other debris arising from their work.

Post-application care of the coating

It shall be the responsibility of the Main Contractor to provide adequate protection to the coating against freezing for not less than 48 hours after application; against direct impingement of water or other liquids for not less than 48 hours after application; and against abrasive contact for not less than 7 days after application. WATTYL® reserves the right to void all performance warranties, other than those required by law, if this post-application coating protection is not provided. The times listed above are minimums for all coatings. Please check individual data sheets for each product in a system.

Disclaimer

WATTYL® recommends that :

You review the Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS) before you use or handle any products

The products be used only in accordance with the information provided by WATTYL®

The product/s be transported, stored and handled in accordance with the information on the MSDS and relevant TDS

You thoroughly test the product, using the recommended application method on a sample of intended substrate, before using the product

The information in this document and Technical Data Sheets was prepared using information gathered during product development. While WATTYL® endeavours to update this information and maintain the accuracy and currency of its contents, WATTYL® cannot guarantee that the information provided is wholly comprehensive.

WATTYL® recommends that you conduct such additional investigations as may be necessary to satisfy yourself of the accuracy, currency and comprehensiveness of the information on which you rely in using and handling the product/s. If you require further information please contact your nearest WATTYL® office on 0800 735 551.

To the full extent permitted by law, WATTYL®'s liability for breach of a condition or warranty implied into the contract for sale between WATTYL® and you by law is limited at WATTYL®'s selection to (a) the replacement of product/s or (b) payment of the cost of replacing the product/s.

Standards

Standards that are mentioned in this document and/or may be of assistance in the specification and application of paint systems include but are not limited to:

AS/NZS 2310 – Glossary of paint and painting terms

AS/NZS 2311 – Guide to the painting of buildings

AS/NZS 1530 – Methods for Fire Tests on Building Materials, Components, and Structures.

AS3730 – Guide to the properties of paints for buildings

AS/NZS 2633 – Guide to the specification of colours

AS/NZS 2700 – Colours for general purposes

AS/NZS 4548 – Guide to long-life coatings for concrete and masonry

AS3610 – Formwork for Concrete

AS3700 – Masonry Structures

BS 5492 – Internal Rendered Finishes

BS 5262 – External Rendered Finishes

