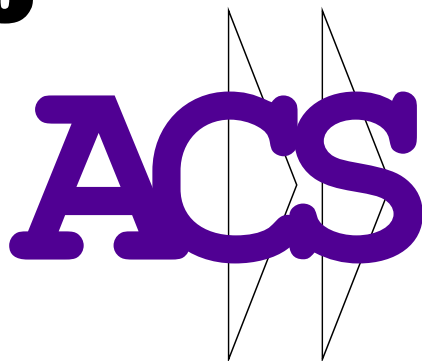


The



Product Guide

At Advanced Chemical Specialties Limited, we manufacture and supply special purpose coatings and products, to help protect buildings and structures against attack from environmental and man-made sources.

This guide contains an abridged but concise description of each main product in a particular group, categorised by area of use (i.e. 'Façade Treatments'). Generally this information will include a note on the composition and a general description of its field of use. However a fuller explanation is contained in the technical data sheets particular to each product, copies of which are available on request.

Although comprehensive, because of constraints on posting electronic information, this guide is not a complete record of all the products in the ACS range. If you have a particular problem, but are unable to find a suitable associated treatment, contact our technical department who can advise you on a suitable solution if one is available.

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TABLE OF CONTENTS

TIMBER PRESERVATIVES	01
TIMBER PROTECTION PRODUCTS	02
ANTIBACTERIAL & MOULD CONTROL COATINGS	03
FAÇADE TREATMENTS	04
FAÇADE TREATMENTS – GRAFFITI PROTECTION	05
MASONRY COATINGS	06
FIRE PROTECTION & INTUMESCENT PRODUCTS	07
DECORATIVE COATINGS	08
INDUSTRIAL & HEAVY-DUTY COATINGS	09
TECHNICAL SERVICES	10

(01) TIMBER PRESERVATIVES

A comprehensive range of timber preservatives of low environmental impact, based on proven Boron technology

BORACOL 10Rh – HSE No 4911

A versatile, dual purpose, ready-to-use timber preservative, for interior use, based on Disodium Octaborate and Quaternary Ammonium Halide. Effective against wood boring insects and timber decay fungi, including dry and wet rots. Application can be by brush, conventional spray or microspray. – See also Façade Protection

BORACOL 8.5Rh – HSE No 4809

A surface applied timber preservative and biocide based on Disodium Octaborate and Quaternary Ammonium Halide, approved for amateur use. Particularly suitable for the treatment of slippery algae and organic growth, on concrete balconies, paths and timber surfaces such as the decks of boats and verandas.

BORACOL 20 – HSE No 6339

A Glycol/Borate blend with a 20% active content, for surface application by brush, conventional spray or micro spray. Extremely effective against wood boring insects and timber decay fungi, including Dry and Wet Rots.

BOROTREAT 10P – HSE No 6335

A specially formulated concentrated powder, which is easily diluted with water to form a working solution. Effectively controls a wide variety of decay fungi and insects. Approved by the HSE for 1-hour re-entry into treated properties.

BOROTREAT 10AQ – HSE No 8260 **(NEW INTRODUCTION 2006)**

A ready-to-use, aqueous timber preservative, for use in the control of timber decay fungi and wood destroying insects. Approved for both amateur and professional applicators by brush or spray (conventional and microspray). Available in bulk quantities for dip treatment application in industrial plants.

BORACOL B40/1 PRESERVATIVE GEL – HSE No 6133

A highly mobile, dual purpose Glycol/Borate wood preservative gel, designed for injection into the susceptible areas of joinery and large dimensional timber, such as joist and beam-ends. This product has a unique chemical affinity with timber, which allows it to penetrate deeply into the heartwood and carry on spreading for many months after application. Ideal for use on timber, which is dry or only intermittently damp.

BORON PASTE PRESERVATIVE – HSE No 6093

A special purpose, thixotropic timber preservative paste for injection into large dimensional timbers such as crossing beams, railway sleepers and bridge timbers. Especially useful for sterilizing the decay voids created after fungal attack, such as those found in the centre of posts and poles. Suitable for use on damp or wet heartwood, where its corrosion inhibiting characteristics can be of benefit when used in association with metal components.

ECOBOR II BRUSHABLE GEL – HSE No 6838

A deep penetrating, surface applied gel for use in the protection of large dimensional or awkward to get to timbers, such as roof trusses and beams. Because this product is formulated with low volatility carrier, it will continue to travel through timber for many weeks after application. Approved for subterranean use in conjunction with the D/L Paste Membrane to control surface soft rots.

BORON RODS – HSE No 6115

This unique fused solid rod is manufactured from highly concentrated Borate glass, which once reacted with water, is capable of delivering nearly twice its own weight in preservative. Clean and easy to use, the rod is implanted into the heartwood via pre-drilled holes where it reacts with the natural water content to diffuse throughout the timber. Ideal for use in timber in ground contact, window frames, doorframes, susceptible areas of exterior joinery and large timbers such as glulam beams, sleepers, bridge timbers and crossing members.

D/L PASTE MEMBRANE

A special double laminated membrane designed to cover areas of timber where surface applied pastes and gels have been used, enabling contractors to comply with the regulations on preventing people and animals coming into contact with treated surfaces until they are dry.

(02) TIMBER PROTECTION PRODUCTS

(See also Fire Retardants)

DRY ROT PAINT – HSE No 6310

A highly visible emulsion paint treatment for dry rot, with approval for both amateur and professional use. The product can be used to create a cordon sanitaire on masonry and protect the reverse faces of new articles such as, skirting boards, window reveals and architrave against re-infection. Apply at least 2 liberal coats by brush or roller.

MICROPOROUS TIMBER COATING

Two, medium-build, microporous, flexible and extremely durable decorative coating systems designed for application to most non-resinous hardwoods and softwoods. Suitable for both interior and exterior use on articles such as, fascias, soffitt boards, bargeboards, doors, window frames and cladding. MTC Transparent (7 colours) allows the substrate to 'grin' through, whereas the MTC Opaque system (8 colours) completely masks the substrate but allows the profile to show. Contains a broad-spectrum biocide to control disfiguring fungi and UV controlling pigments to reduce sunlight degradation.

UNIVERSAL WATER REPELLENT (WB)

A single-pack, colourless waterborne water repellent for application to exterior timber. The product forms a fully microporous film, which effectively repels water within 30 minutes of application. Full repellency develops after approximately 48 hours. Suitable for application to sheds, fences, decking, seating and other items of exterior joinery as well as masonry surfaces. The product contains no organic solvents or fungicides and if required, can be over coated with most good quality conventional paints.

OAKOTE 600

A clear, waterborne, water vapour permeable, wax-based protective coating for 'green' oak and similar timber. This product was developed specifically to protect Oak floorboards from water damage, but since its introduction has found uses in the exterior protection of window frames, doors, statuary and soffitt board. Oakote prevents water absorption and slows the natural drying process. This reduces cracks, checks and shakes but allows normal weathering to take place. Surfaces treated with Oakote cannot be painted.

TIMBERCOAT WOOD DIP CONCENTRATE

A waterborne, coloured, concentrated wood preservative for application by dip treatment. Ideal for sheds, fences, posts and other exterior joinery items. Available in three standard colours.

TIMBER REPAIR SYSTEMS

TRS – This is a bespoke timber repair system, developed for the in-situ renewal of structural and architectural timbers on view. The old decayed timber is completely removed and then new sections of timber are cut to match the existing. This is then fixed into position with specially formulated epoxy resin adhesives. Especially useful for exposed beams, joists, lintels and other timbers where the visual aspect is as important as the integrity of the repair.

BOWER BEAMS – This system is used for the in-situ repair of decayed timber in areas where the aesthetic aspect is not as important. Again the decayed timber is cut away, but in this case the repair is made with two steel beams, bolted to the sides of the existing timber, where they act in the same way as the original. This system is also suitable for joining two sections of structural timber (such as joists) together.

ANTIBACTERIAL & MOULD CONTROL COATINGS (03)

A comprehensive and proven range of coatings designed to control and eradicate harmful and unwanted moulds and bacteria on walls, floors and ceilings in domestic, commercial and industrial property.

ACS ANTIMOULD EMULSION

A single-pack, waterborne coating, which combines a fully decorative, high quality emulsion paint with an outstanding mould treatment system. Enables, homeowners, property managers and landlords to eradicate disfiguring mould on walls and ceilings and re-decorate in one go. The product is suitable for use in halls, lounges and bedrooms, and is available in white, 6 standard colours and many other pastel shades. Approved under the Control of Pesticides Regulations for both amateur and professional use.

ACS PROTECTED ACRYLIC EGGSHELL FINISH

A waterborne, high opacity, low-odour, acrylic eggshell, with high mould and steam resistance. Ideal for use in kitchens, bathrooms, steam rooms and surfaces subject to heavy wear, such a hotel corridors and office walls. The coating is fast drying (touch dry in one hour), tough and adheres strongly to previously painted gloss and conventional eggshell surfaces.

ACS PROTECTED ACRYLIC GLOSS FINISH

An advanced, low-odour, waterborne and non-yellowing acrylic gloss finish, which is highly resistant to mould, wear and impact. Adheres strongly to previously painted gloss and primed interior woodwork including skirting boards, dado rails and banisters.

ACS BIOSAN HYGENE COATINGS (NEW INTRODUCTION 2006)

A Range of three waterborne and solvent-free decorative bacteriostatic and bactericidal coatings for application to walls, floors and ceilings in food processing plants, schools, hospitals, dairies, kitchens and other environments, where potentially pathogenic bacteria may accumulate. The products are based on the unique active ingredient Bactron™, which has been tested against a range of bacteria including, *Staphylococcus aureus*, *E.coli 0157*, *Listeria monocytogenes*, *Salmonella sp* and others. Bactron™ is not classified as harmful to humans and is approved for application to food contact surfaces in both the USA and EU.

ACS ANTICONDENSATION COATING

A waterborne, high-build coating designed for application to ceilings and roofs in domestic, commercial and industrial property. The dry film reduces condensation and atmospheric moisture in two ways. Firstly, the dried film forms an insulating barrier, which increases the surface temperature and delays the point at which condensation forms. Secondly, the coating acts like a sponge, absorbing atmospheric moisture when relative humidity is high, and then releasing it as vapour when the level drops. Suitable for internal use on most building substrates including timber and metal.

ANTIMOULD MICROPOROUS REPLASTERING PAINT

A waterbased, decorative and moisture vapour permeable paint, designed specifically for application to new plasterwork, after the insertion of a damp-proof course. The film allows new plaster to dry out and protects against the formation of moulds on the cold, damp surface. The paint also provides a suitable primer for subsequent re-decoration once the wall has completely dried, a process that could take many months.

UNIVERSAL ANTISTAIN PRIMER

A single-pack, fast drying acrylic primer for application to a wide variety of substrates including, plasterboard, brick, aluminium, glazed tile, plastic and timber. The product is ideal for use as a stain-blocker over water stains, crayon and graffiti, smoke damage and nicotine. Once dry, the film can be over painted with all of the ACS paint systems, as well as many other conventional decorative and industrial systems.

MOULD WASH CONCENTRATE

A water dilutable concentrated pre-painting cleaner for application to surfaces contaminated by disfiguring black mould. Apply the diluted product by sponge to kill existing mould spores and remove surface oil and grease. Formulated specifically for use with the ACS range of Antimould and Protected paints.

ACS SCRUB OUT BLACK MOULD

A ready-to-use biocidal wash, for domestic and commercial use. The product container comes complete with it's own brush applicator, which allows easy and quick removal of mould and algae from surfaces such as window frames, glass and tiles.

VENTILATION PRODUCTS

The ACS mould and condensation control paints are supported by a comprehensive range of passive and humidistat controlled powered ventilation products. The humidistat-controlled products are particularly suited for use in kitchens and bathrooms, where they will automatically turn themselves on the moment the relative humidity rises above 65%. PIV systems allow for the ventilation of the whole house by forcing filtered air from the roofspace into the body of the building.

(04) FAÇADE TREATMENTS

A complete range of surface treatments to combat a variety of problems on interior and exterior masonry.

290 MASONRY WATER REPELLENT

A solvent-borne exterior, moisture vapour permeable water repellent, based on a complex of Silane and Siloxane resins, for use on a wide variety of building substrates including, brick, stone, render, concrete and alkaline surfaces such as, new render and re-pointed brickwork. Once dry, the treatment is invisible to the naked eye.

ACS WATER REPELLENT CREAM

A deep penetration, thixotropic, water repellent paste, for application by brush, roller or trowel to concrete structures such as, bridges, pillars, curtain walling and exposed structural concrete elements. Protects against frost damage and carbonation by blocking the uptake of water containing dissolved carbon dioxide.

BS OH-100 MASONRY CONSOLIDANT

A solventless, specialised surface treatment used to consolidate degraded and friable mineral substrates such as, natural stone, stucco, terracotta, brick and fresco. OH-100 is a Silane and Siloxane free deep penetrating treatment, which, through chemical reaction, forms a complex matrix, effectively becoming part of the structure of the masonry. The result is an extremely hard, highly bound system that is resistant to further spalling and erosion, which retains the essential aesthetic qualities of the original material. A follow-up application of 290 Masonry Water Repellent will provide full protection from the elements. This material is generally used in the preservation of architecturally or historically important substrates and it would normally be necessary to carry out a number of tests to assess a substrates suitability for treatment. Contact our technical department for further details.

ACS SURFACE BINDER

A specially formulated, water-dilutable stabilizing concentrate for binding interior dusty, chalky and friable masonry. When dry, the product forms a highly bound, gas and water vapour permeable, yet water repellent matrix, which is practically invisible to the naked eye. This product is ideal for use where recently exposed masonry could be retained for its aesthetic qualities, but where concerns of dust contamination of carpets and furniture would be a problem. Suitable for application to alkaline substrates, such as new lime pointing.

SALTS NEUTRALISER

A waterborne, acidic neutraliser for surface application to areas suffering contamination from hygroscopic salts, such as chlorides, sulphates and nitrates. Particularly useful for eliminating or reducing the incidence of efflorescence (white powdery crystals) that commonly disfigures new brickwork and plasterwork, especially after the insertion of a damp proof course.

BORACOL 10Rh MASONRY BIOCIDES

A ready-to-use, Glycol/Borate surface biocide for use in the control of algae, fungi, moulds, mosses and lichens on masonry and other adsorbent exterior surfaces. Independent tests have shown that Boracol 10Rh can protect against re-infection for over 900 days. The product also has approval for use as an eradicant for dry rot on interior surfaces, where it will protect for the life of the substrate.

SILICONE WATER REPELLENTS AND CONSOLIDANTS – MOISTURE VAPOUR PERMEABILITY

It is a popular misconception that silicone-based surface treatment systems prevent water absorption by creating an impenetrable film over the surface of masonry, which leads to accelerated damage. This is not true. Modern treatments, such as those listed above, are fully water vapour permeable. Silicones form a microscopic network of voids, large enough to allow the free passage of water vapour, but small enough to prevent liquid water uptake. Masonry water repellents, to a certain degree, also enhance the insulation qualities of masonry, which allows heat to be lost at an accelerated rate when wet.

(05) FAÇADE TREATMENTS – CONTINUED

GRAFFITI PROTECTION

GRAFFITI-SHIELD

A single-pack, solvent-borne clear anti-graffiti coating for use on most building substrates including, brick, stone, concrete, wood, render and previously painted surfaces. The product is non-sacrificial and allows for easy and repeated removal of graffiti without the use of hazardous chemical removers. Graffiti is removed by pressure washing with tepid water, making it ideal for use in situations where contamination from chemical removers would be a problem, such as over rivers and foliage. The coating is available in both matt and gloss finish and is suitable for application by brush, roller or spray.

GRAFFITI-SHIELD NON-DARKENING SEALER

In some situations, especially very porous or coloured surfaces, ACS Graffiti Shield may darken the surface slightly. Where this may cause a problem, ACS Graffiti Shield Non-Darkening Sealer is used to reduce or eliminate this effect. The product is a single-pack waterborne, water-dilutable acrylic sealer, which forms a suitable base for Graffiti Shield and lessens the darkening effect. The product can be used in association with the ACS 290 Water Repellent to avoid the half dark, half light effect caused when rain falls on a wall, partially coated with Graffiti Shield.

GRAFFITI-SHIELD HYDRO

A two-pack, clear, waterborne PU/Acrylic hybrid lacquer for application to a range of interior and exterior substrates including previously painted surfaces, brick, block, stone, painted metals and wood. Allows easy and repeated removal of all graffiti types using the ACS Graffiti-Shield Remover GPR HC.

GRAFFITI-SHIELD PS (NEW INTRODUCTION 2006)

An innovative, permanent, anti-graffiti impregnation treatment for mineral substrates, such as brick, sandstone, limestone, terracotta, concrete and render. The product penetrates deep into the substrate where it forms a near invisible hydro and oleophobic barrier against all graffiti types. Graffiti is removed by either power washing or the use of Graffiti-Shield PS Cleaning Gel.

GRAFFITI-SHIELD PS PRIMER (NEW INTRODUCTION 2006)

Use as a pre-treatment on substrates likely to darken following treatment with ACS Graffiti-Shield Silicone, such as terracotta and red facing brick.

REMOVER GPR HC

A solvent-borne graffiti remover gel, specifically formulated for use on the ACS Graffiti-Shield Hydro anti-graffiti lacquer.

GRAFFITI & PAINT REMOVERS

A range of high-performance, waterborne, 100% biodegradable graffiti and paint removers for use on a wide variety of substrates. The products contain no Methylene Chloride or caustic solutions.

REMOVER GPR 210

Spray applied remover for lifting architectural coatings, including polyurethane and epoxies from metal and concrete surfaces.

REMOVER GPR 310

Formulated to remove architectural coatings such as masonry paints, from brick, wood and other porous surfaces where caustic solutions or power washing may damage delicate stonework or architectural detail. A brush-applied version (Remover 320) of this product is available.

REMOVER GPR 400

A sophisticated liquid remover for use on easily damaged surfaces. The unique action of this product allows it to be used on previously painted surfaces, such as car bodies where it will remove graffiti and over spray, yet leave the underlying paint untouched. The product will also remove graffiti from polycarbonate and plastic surfaces such as bus shelters and telephone kiosks, without damaging the plastic or causing crazing. Available in pump-action spray containers or refill bottles for use in conventional garden sprayers.

REMOVER GPR 500 & GPR 510

Use to remove high-performance coatings from metal substrates. Used primarily in the aviation and transport industries where damage to the metal substrate (such as aluminium) is unacceptable. GPR 500 is formulated for use in immersion baths and ultrasonic systems.

Contact our technical department with full details of your particular problem and they will give free advice on the selection of the correct product for your particular situation.

(06) MASONRY COATINGS

A complete range of protective and decorative coatings for exterior application.

MASONRYCOTE ALGICHECK

A high specification, waterborne, smooth finish masonry paint, providing an attractive, weather resistant and blister-proof finish. The dry film exhibits low dirt pick up and high water resistance and contains a broad- spectrum biocide to prevent the growth of algae.

MASONRYCOTE ACRYLATED RUBBER FINISH

An advanced, solvent-borne, microporous smooth masonry finish for extreme exposure conditions. The product can be applied throughout the year, even at low temperatures and is shower proof in approximately 30 minutes. The dry film is extremely resistant to dirt pick-up, algal growth and alkaline attack.

MASONRYCOTE HI-LIFE SILICONE PAINT (Visit – www.srep.com)

A unique silicone resin/polymer based coating used in association with the ACS Masonrycote Hi-Weather Primer. The finished system is extremely water repellent, but remains moisture vapour permeable and offers exceptional long-term protection to most mineral building substrates.

MASONRYCOTE TEXDEC

A textured, weatherproof masonry coating containing un-micronised aggregates to give a fine textured finish to all exterior masonry surfaces.

MASONRYCOTE TEXDEC HIGH-BUILD

A single-pack, high-build waterborne masonry coating exhibiting excellent water repellency, adhesion and superior crack-bridging qualities. Ideal for use as a renovation coating on irregular surfaces where a highly textured finish is required.

RAPICOTE WATERPROOFING PAINT

A single-pack, solvent-borne smooth finish coating, based on white cement and water reactive resins. When fully cured the film is capable of withstanding 10 – 12psi of water pressure. Suitable for application to damp or dry masonry surfaces such as, cellars, basements, damp walls and subterranean footings. Not suitable for floors.

MASONRYCOTE HI-WEATHER PRIMER

A water-dilutable, priming liquid for use on masonry surfaces prior to the application of ACS Hi-Life Silicone Paint. The product can be applied by spray or brush and creates a well-bound, water repellent, yet vapour permeable receptive surface. Supplied as a concentrate.

MASONRYCOTE ACRYLIC SURFACE SEALER

A medium-duty, waterborne stabilizing sealer for application to interior and exterior masonry and cement substrates. Reduces porosity and creates a well-bound substrate, suitable for over painting with ACS waterborne masonry coatings.

MASONRYCOTE STABILIZING SOLUTION

A medium-duty, solvent-borne stabilizer for chalky but structurally sound interior and exterior masonry such as, brick, stone and cement. Provides a suitable base for the subsequent application of decorative or masonry finishes.

MASONRYCOTE RUBBERISED SEALER

A heavy-duty, deep penetration masonry sealer based on a rubberised polymer with added plasticiser, dissolved in a special blend of aliphatic and aromatic solvents. Ideal for use on friable, but structurally sound masonry such as, cement, asbestos, stone and render, prior to the application of ACS Masonrycote Paints.

MASONRYCOTE TWO-PACK EPOXY SEALER

A two-pack, waterborne epoxy system exhibiting excellent adhesion to damp and alkaline substrates including, stone, concrete, brick and render. Ideal for use on damp substrates to prevent water damage to subsequent decorative coatings. Also suitable for sealing floors prior to laying other coverings such as, linoleum and carpet.

WALLCOTE

A high-build, single-pack waterborne acrylic paint designed for use as an obliteration coating on a wide variety of substrates, including bare-faced brick, block, stone and render. Also suitable for use over ceramic tiles and aluminium. When cured the film forms a fully washable and scrub resistant finish, making it ideal for the remedial painting of industrial, commercial and domestic properties with an uneven surface profile. Single coat applications up to 1.5mm are possible.

(07) FIRE PROTECTION AND INTUMESCENT PRODUCTS

A range of fire retardant and intumescent products including paints, seals, pillows and papers for all aspects of construction and refurbishment. All products have been tested at NAMAS registered laboratories.

PRODUCT S92 FIRE RETARDANT FOR WOOD

A clear or white, waterborne fire retardant coating system for **interior and exterior** use, on both new and previously stained timber and timber related products. Offers protection to Class 0/1 on furniture, floors, decking, decorative panelling, wall cladding, soffits and bargeboards. Designed for ease of application and maximum protection.

PRODUCT S42 FIRE RETARDANT & INTUMESCENT FOR WOOD

A fire retardant and intumescent coating system offering protection to BS476: Parts 6&7 and 20, 21 and 22. Suitable uses include the protection of floors (upgrading joists and boards to 30-minutes), decorative panelling and ceiling board. A supporting range of protective lacquers, allow this product to be used in the most onerous of conditions.

PRODUCT S103/RFC DOOR UPGRADE KIT

Designed specifically for use in upgrading raised and fielded or ledged and braced doors, to 30-minute fire doors. Each kit contains sufficient primer, intumescent, undercoat and topcoat, to upgrade the risk side of two doors or both sides of one door, such as those in a corridor. Ideal for use on doors in listed and period properties, where existing doors can be upgraded without the need to completely re-made. For flat panelled doors, use Product S38/IMP Upgrade Card. Minimum door dimensions apply.

PRODUCTS S96/TPC & S105/SPC INTUMESCENT COATINGS FOR PLASTERBOARD

A textured (S96/TPC) and smooth (S105/SPC) intumescent emulsion coating for 9 and 12.5mm skimmed plasterboard ceilings and walls. Tested to BS476: Parts 21 and 22 to achieve insulation and integrity of 61 minutes on load-bearing plasterboard and 71 minutes on timber-stud partition. Once dry, the system can be decorated with any good quality emulsion paint. For lath and plaster ceilings see Product S84 Intumescent Paper or Product S53/UF60 Under floor Fire Barrier.

PRODUCT S83/ISC INTUMESCENT COATING FOR STEEL

A smooth finish, intumescent coating system for protecting new, primed and previously painted structural steelwork, for up to 90 minutes. S83/ISC/P is a solvent-borne anti-corrosion is used as a primer for new steel or as an adhesion promoter over previously painted surfaces. S83/ISC/I is a waterborne, thixotropic intumescent paint suitable for application by brush, roller or spray, on site or at the fabricators. The paint can be applied directly to galvanised surfaces or over other zinc phosphate primers. S83/ISC/TC is a solvent-borne protective topcoat for use over S83/ISC/I in exterior situations or exposed interior surfaces. The topcoat is available in most BS colours.

A complete range of ancillary products such as, fire pillows, intumescent door strip, roof blankets, pipe and cable protection coatings and fire barriers, are available. For full details contact our technical department.

The timber systems S42, S92 and S103 now comply with classification A1-B/S1/d0 of European Standard EN13501 Parts EN13823: 2002 Single Burn Test (SBI) and EN13823-2: 2002 Ignitability.

With all intumescent and fire retardant coatings, product selection and application rates will vary according to substrate type, orientation, dimensions, situation and level of protection required. Specifications are provided for each individual job. All systems have been subject to test according to BS476 or an Indicative Fire Resistance Test. Contact the technical department for further details.

(08) DECORATIVE COATINGS

A comprehensive range of decorative primers and topcoats to support the ACS range of special purpose coatings. Enabling customers to single source product for an entire project. This is not an exhaustive list but is designed to give a basic outline of the products available.

PRIMING SYSTEMS

ACRYLIC PRIMER – Waterborne primer surpassing the requirements of BS5086, exhibiting high opacity and low nail head rusting. Ideal for all exterior and interior uses, including plasterboard, render, plywood and sealing non-resinous hardwoods and hardboard.

UNIVERSAL PRIMER – Combination stain-blocker and multi-surface primer. Suitable for priming difficult to coat surfaces such as melamine, glass, glazed tiles, aluminium as well as timber and masonry.

ALKALI RESISTING PRIMER – Primer for new plaster, cement, stucco and new alkaline surfaces. Prevents alkyd saponification of oil-based topcoats.

ACRYLIC UNDERCOAT – Waterborne undercoat designed for use over old alkyd gloss paint before application of any of the ACS waterborne topcoats.

GENERAL PURPOSE UNDERCOAT – A solvent-borne, alkyd undercoat exhibiting high adhesion and opacity to old alkyd paint systems. Designed for use under the ACS Liquid High Gloss on timber.

WATERBASED FINISHES

VINYL SILK & MATT – High opacity emulsion paints with good wash ability and low dirt retention. For interior application to most building substrates including, plaster, hardboard and embossed paper.

ACRYLIC EGGSHELL – A standard version of our Protected Eggshell. Exhibiting high adhesion, scrub and steam resistance.

ACRYLIC GLOSS – Waterborne pure acrylic polymer gloss with excellent adhesion to previously glossed surfaces and high impact resistance.

SPECIAL METAL LACQUER – A high performance, clear waterborne acrylic lacquer for metals, including difficult to paint surfaces such as, aluminium, brass, copper, bronze, gold, silver and pewter. The product exhibits high adhesion to all surfaces and long life expectancy. Ideal for protecting metal surfaces from oxidation and tarnishing.

OIL BASED FINISHES

LIQUID HIGH GLOSS – A traditional, alkyd gloss paint for application to all interior and exterior surfaces including previously painted wood, brick, metal and stone.

LOW ODOUR EGGSHELL – A modified alkyd eggshell paint exhibiting high resistance to wear, steam and humidity. Ideal for application to walls in schools, hospitals, hotels and kitchens.

SILICONISED ALKYD ENAMEL – A highly durable, exterior quality Silicone modified alkyd enamel, which resists temperatures up to 180°C. Ideal for boiler pipes, flare stacks and domestic radiators.

FLAT WALL FINISH – An extremely hardwearing paint with a flat finish for application to walls subject to high wear, such as hotel corridors, schools and hospitals. Also suitable for use as a blackboard paint.

REFLECTIVE 101 – A single-pack, high-build coating formulated from lamella aluminium pigment and natural grade bitumen. Provides superior protection against water ingress, weather, corrosion and ultra violet degradation on steel, concrete and aged asphalt, where it can also be used in a solar reflective role.

METAL FINISHES

HAMMERCOTE SMOOTH AND HAMMER FINISH ENAMEL – a Styrenated alkyd resin system extended with aluminium flake and silicone additives. Exhibits extreme resistance to weather and UV degradation and is suitable for application to poorly prepared metal.

COLOURED SOLUTION – A one coat, primer less finish for metal. The coating contains an inbuilt corrosion inhibitor making it ideal for use on railings, play equipment and most other exterior metalwork.

BRIGHT ALUMINIUM FINISH – A high quality, heat resistant paint based on a modified resin system, containing leafing aluminium flake. Withstands temperatures up to 150°C and provides superb weather protection to items such as, chassis members, tank exteriors and pipework, especially where a solar reflective surface is required.

For anticorrosion primers and heavy duty coatings – see Industrial Coatings section

See also:

Façade Treatments

Masonry Coatings

Timber Protection

Mould & Condensation Control Coatings

(09) INDUSTRIAL & HEAVY- DUTY COATINGS

A selection of products from our heavy-duty protective coatings ranges, including primers, topcoats and surface tolerant systems. This list is designed to highlight the mainline items from an extremely comprehensive range.

PRIMING SYSTEMS

Alkyphos Primer – A versatile, fast drying alkyd extended zinc phosphate primer for application to steel in agricultural, industrial and marine situations.

1 & 2-Pack Etch Primer – PVB and acid cured etch primers with outstanding bond strength on both ferrous and non-ferrous metals. Hard dry between 12 and 45 minutes and will accept most air-drying finishes.

Etchwash Mordant Solution – Traditional acid based mordant solution for galvanised surfaces. Creates a suitable surface to accept all priming and topcoat systems.

Speedspray CM5HB Primer – A cost effective, spray applied, fast drying zinc phosphate primer for blast-cleaned steel, especially fabrications and steel frames.

Epoxy Zinc Phosphate – Twin-pack epoxy primer for arduous situations such as offshore work. A high zinc version of this product provides extremely high cathodic protection of steel in contact with salt water.

Konvertex – A single-pack, waterborne tannin based chelating primer for corroded but sound steelwork. Ideal as a preparatory primer on surfaces where blast cleaning is impractical. Accepts most single-pack air-drying finishes.

Chloriphos Primer – A chlorinated Rubber based, highly impervious zinc phosphate primer, designed to give maximum protection from acids, alkalis, oxidants and water to steelwork. Used in association with Standard and high-build chlorinated rubber finishes.

Standard MIO Primer – A traditional intermediate or primer/finish coating for steel in aggressive exposure conditions. Use as a primer finish on gutters, drainpipes and cast work. Highly impervious to water ingress and leaves a pleasant metallic finish.

Also available are surface tolerant systems for damp and mechanically cleaned steel, bituminous primers for buried steelwork such as pipelines and piles and high-build PU and epoxy extended systems for extreme environments such as sub-sea.

TOPCOAT SYSTEMS

Industrial PU Enamel – Single-pack PU extended enamel with excellent chip resistance and enamel hold out. Ideal for use in agricultural, marine and industrial environments and as a finishing system over Alkyphos primer for truck bodies and coaches.

Chlorinated Rubber Finish – A traditional chlorinated rubber topcoat system exhibiting excellent resistance to acids, alkali's and oxidants. Ideal for extreme exposure conditions and coastal fabrications.

Speedspray MD60 & MD90 – Specially formulated single pack, compliant coatings with excellent build characteristics. Designed for direct primerless coating of sea and site containers, skips and other general fabrications where a fast turnaround and abrasion resistant finish is required.

Bituminous Coatings – An extensive range of bitumen-based coatings designed to give long-term protection to steel, concrete and some types of timber. Certain systems carry WRc and dwi 25 certification for potable water; others comply with Railtrack, London Underground and Highways Authority approval.

Aquabond Systems – A range of waterborne epoxy systems, including primer, mid-coat and topcoat systems, for use in the protection of steelwork and buried components, such as pipelines.

Farglo Fluorescent Paint – High visibility fluorescent paints for marine and industrial use. Use for marking buoys, loading docks and hazard areas. Prime with Marine Undercoat and overcoat with Acrylic Protective Lacquer.

FLOOR COATING SYSTEMS

Trident – A single-pack waterborne floor paint for light to medium duty use.

AQ200 – Twin-pack, waterborne epoxy floor paint for medium to heavy-duty use. Withstands abrasion, weathering and aggressive trafficking.

Floorcote Epoxy Finish – Two-pack, polyamide adduct cured epoxy system for severe conditions. The product exhibits extreme resistance to forklift traffic, abrasion, water and chemicals.

Floorcote Epoxy Sealer – Waterborne, clear epoxy sealer that bonds strongly to damp and alkaline concrete. Can also be used as a clear floor coating in solvent sensitive areas such as, hospitals, schools and food factories.

Floorcote Polyurethane Finish – Solvent-borne, single pack paint for medium duty use such as workshops, garages and showrooms.

Floorcote Contract Finish – Cost effective single pack paint for medium to light duty use.

Non-Skid Deck Paint – Single pack anti-slip paint for slippery walkways or the decks of ocean-going vessels.

Floorcote Rubberised Finish – Single pack floor paint designed for application to surfaces subject to contamination from acids, alkali's and oxidants.

Also available: Floorcote Acid Etch, Floorcote Degreasers and Floorcote Line Marking Paints,

(10) TECHNICAL SERVICES

In order to offer customers and clients the best possible solution to their problems, ACS provide a full technical and practical advisory service for all product applications. A complete range of technical product data, independent test information and the provision of technical specifications tailored to a client's individual application support this service.

At ACS we have access to some of the most comprehensive databases available, and although our technical service relates mainly to our own products, we will, in those areas where we have expertise, provide advice on the selection and use of associated products or systems.

In particular we offer advice on the following:

Timber protection and repair

Providing information on the causes of decay through attack from insects and fungi, and formulating the best possible solution to remedy the problem. We also offer advice on protecting timber from environmental damage.

Condensation and mould control in industrial, commercial and domestic property

Advice to landlords, property managers, local authorities and housing officers, on the causes of and the possible remedies for condensation and mould on the walls and ceilings.

Protection and consolidation of masonry building facades

Information on the causes of decay in masonry and the provision of information on products to protect facades against weather with masonry coatings, water with exterior water repellents, erosion with consolidants and impregnants and graffiti, especially the removal of and the protection against further disfigurement.

Fire protection of building materials

We provide a full technical specification service with regard to intumescent and fire retardant coatings, their selection and use on a variety of building substrates with regard to BS476 and the UK Building Regulations.

Decorative paints

The selection and application of decorative coatings relative to area of use and substrate

Industrial & heavy-duty coatings

The specification and selection of heavy-duty industrial paints, in particular substrate preparation, their use in corrosion prevention and the long-term protection of structures subject to extremes of weather and other environments such as the chemical industry.

ACS offers technical seminars for Architects, Local Authorities, Housing Associations and Property Management Companies, on Condensation and Mould Growth in Domestic and Commercial Property and, Boron Preservation in the Refurbishment Industry. Details and costs are available on request.

Please note that where possible our technical advisory service is free of charge. However laboratory services and site surveys may attract a charge, as will those where third party experts, such as structural engineers, are employed. Specification and quotation services are generally free of charge.

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