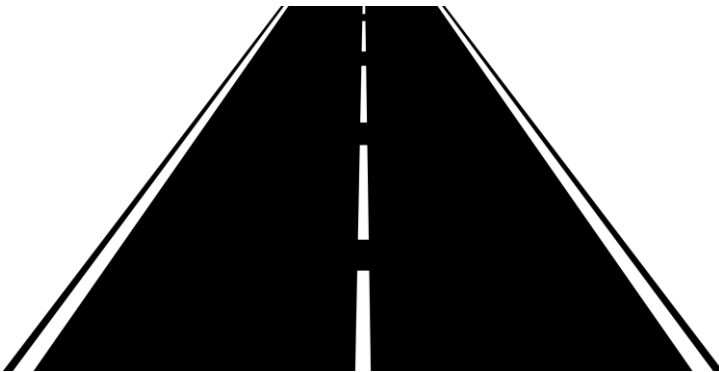


Asphalt Preservatives Primers & Sealers

Paving the Way to
a Sustainable
Future



AJ Surfacing Contractors Ltd

Registered Address: - Suite 1 ,
Burns House 19 Town Range
Gibraltar

Phone: (+350) 58009819

E-mail Address:

management@ajsurfacing.com



**LOOK OUT
FOR
OUR**



PRODUCT INFORMATION

RENUPHALT

Life Extender for Asphalt

Description

Renuphalth is a preservative and restorer with a unique formulation which is proven to slow the ageing and deterioration of asphalt (a.k.a. bituminous or tarmacadam) paved surfaces, to restore



appearance and to maintain skid resistance, thus prolonging their effective life.

Renuphalth is aimed at all stakeholders who seek to maintain the condition and value of their highway, car park or driveway asset, including highway authorities, commercial and domestic property owners.

Everything outside comes under attack from 'weathering' agents such as precipitation, ultraviolet (UV) light and air. Asphalt is constantly exposed and deteriorates over time. Whilst the aggregate components of asphalt are inert, the important bitumen binder degrades over time and the effect of this is to make the paved surface dull in colour, brittle and less able to self-heal. Small cracks follow which quickly develop into much bigger cracks and potholes. If left untreated, the result is total loss of the surface course and further water ingress into the pavement construction with the potential for more damage. In independent comparative tests, the application of Renuphalth to an asphalt surface after the equivalent of 3-5 years ageing and before any damage was evident was proven to slow the ageing process and to actually reduce its brittleness, thus extending the useful life of the asphalt.

Renuphalth is a cold-applied treatment.



Uses

Renuphalth is formulated for use on all sound, asphalt substrates. It is easy to apply, is quick drying and provides clear benefits in extending the life of the asphalt and in reviving its appearance.

Renuphalth can be applied to any asphalt substrate. Specific areas of use include but are not limited to:

- Public highways
- Airports and airfields
- Footpaths and sidewalks
- Cycleways
- Private roads and driveways
- Car parks
- School playgrounds
- Sports courts

For large highway installations, for reasons of speed and efficiency, Renuphalth should be applied by spray. For smaller scale applications and where time pressures are not so pressing, Renuphalth is simple to apply by roller.

Benefits

- Delays the onset of brittleness in asphalt thus prolonging its life
- Prevents cracking, stone loss and eventual failure
- Reverses the effects of oxidation of the bitumen binder
- Replaces mineral oils lost through weathering
- Revives colour
- Maintains skid resistance
- Improves flexibility
- Standardises the appearance of different adjacent asphalt installations
- Penetrates deeply
- Stays active for years
- Easy to apply by spray or by roller
- Quick drying

Technical

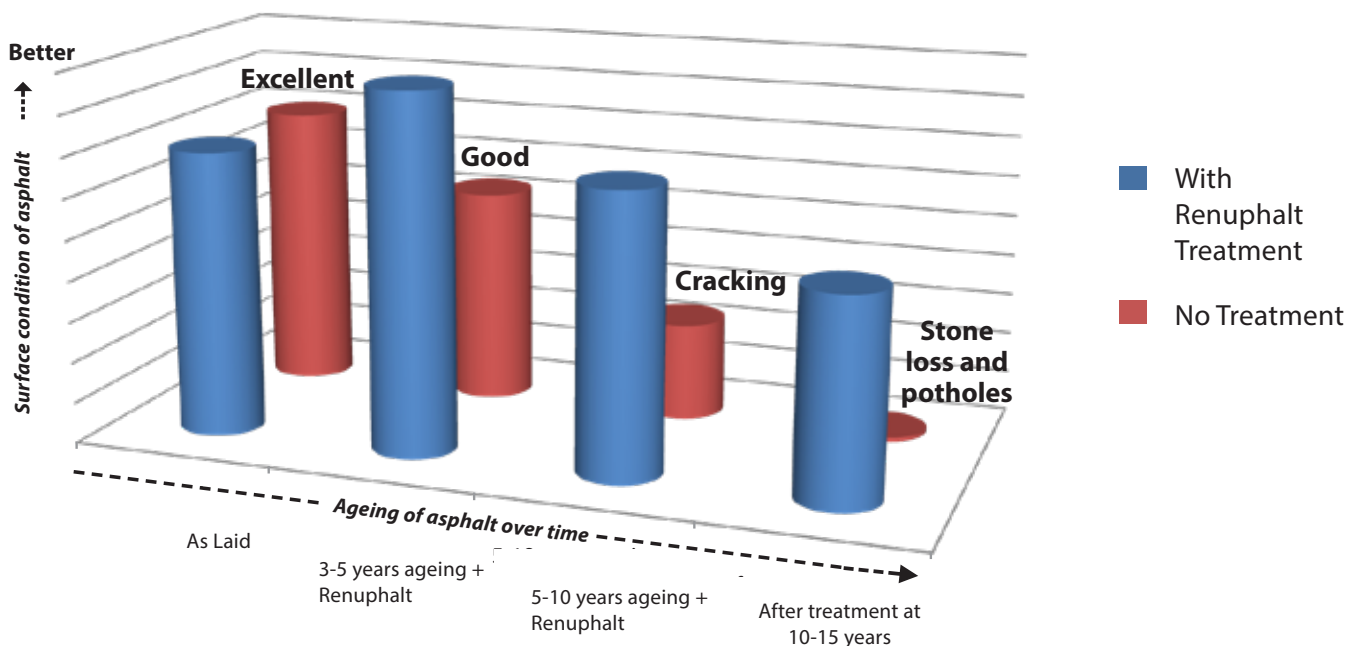
Renuphalth contains petroleum fractions and additional constituents which have been carefully selected to achieve the maximum penetration into the asphalt substrate and to preserve it by the replacement of key components lost through the ageing process. Renuphalth reduces water ingress, slows the ageing process and restores colour. In addition, fine inorganic fillers are incorporated in order to fill minor defects, to enhance the surface finish and to preserve skid resistance.

ADBRUF

Adbruf Ltd. Gibbs Marsh Trading Estate,
Stalbridge, Dorset DT10 2RX United Kingdom
Tel: +44 (0)1963 362640 **Fax:** +44 (0)1963 363762
Email: sales@adbruf.com **www.adbruf.com**

PRODUCT INFORMATION - RENUPHALT

Relative condition of typical asphalt surface over time, with and without Renuphalt treatment.



Colours

- Black (Standard)
- Oxide Red
- Unpigmented

Other colours are available upon request.

Surface Preparation

The substrate temperature should be between 5°C and 35°C. The substrate should be clean, dry, dust-free and weed-free. Renuphalt is not a cleaning agent and, therefore, the user must be satisfied that the substrate is clean, dry and suitable for treatment with Renuphalt to allow unhindered penetration into clean surfaces.

Product Application

Renuphalt may be applied by roller or by spraying using suitable equipment. Expect to apply at a rate of 5-10m²/litre.

Renuphalt should **not** be thinned as this will be detrimental to its performance and may soften the asphalt substrate.

Tools and equipment may be cleaned using Adbruf Cleaning Solvent.

Renuphalt should be touch dry after 60 minutes. Ensure that the treated area has fully dried prior to returning to use.

Aftercare

No aftercare is needed.

Re-application every 3 to 5 years as part of planned maintenance will further extend the life of the asphalt surface.



Packaging and Storage

Renuphalt is supplied as standard in 5 litre or 25 litre sizes. It can also be supplied in bulk IBC packaging by arrangement. Shelf life is 1 year under normal cool and dry conditions.

Health & Safety

See the separate Material Safety Data Sheet.

Document 001.2. Published November 2012

ADBRUF

Adbruf Ltd. Gibbs Marsh Trading Estate,
Stalbridge, Dorset DT10 2RX United Kingdom
Tel: +44 (0)1963 362640 **Fax:** +44 (0)1963 363762
Email: sales@adbruf.com **www.adbruf.com**

BLOCSEAL PRO

Block Paving and In-Situ Concrete Sealer giving Excellent Performance

Description

A cost-effective acrylic sealer suitable for in-situ concrete paving or block paved surfaces.

Primarily aimed at use on block paving, Blocseal Pro provides effective consolidation of the sand jointing material together with protection and enhancement of the block paved surface itself. Blocseal Pro is also suitable as a surface sealer for in-situ concrete paving.

Blocseal Pro is based on acrylic resin technology. A cost-effective solution, Blocseal Pro provides durable joint bonding. Periodic reapplication is required to maintain performance. Blocseal Pro is available in gloss, matt and rejuvenator variants. It bonds sand joints, coats and protects the block surface and inhibits weed growth.

Uses

- Concrete block paving joint stabilisation
- Concrete block paving surface sealing and protection
- Concrete block paving colour enhancement & rejuvenation
- Concrete block paving weed growth inhibitor
- General concrete pavement sealer to inhibit fuel & oil staining



Benefits

- Resists staining
- Makes cleaning easier
- Excellent durability means low maintenance
- Stabilises block paving surface
- Inhibits weed growth
- Enhances the appearance of block paving
- Rejuvenates block paving colour
- Abrasion resistant
- Resistant to chemical attack
- Reduces ingress of water into bedding layer
- Rapid drying
- Ready to use
- Easy to apply
- Suitable for concrete and clay pavers
- Available in gloss and matt finishes

Technical

BLOCSEAL PRO			
Acrylic			
	GLOSS	MATT	REJUVENATOR
Viscosity @ 25°C (mPa.S)	<20	<20	<20
Solids Content	20-25%	22-25%	10-12%
Flash Point	-2°C	-2°C	-2°C
Specific Gravity @ 25°C	0.81 ± 0.01	0.82 ± 0.02	0.79 ± 0.01
Application Temperature	10-40°C	10-40°C	10-40°C
Spread Rate @ 200µm / m ²	6.10m ² /kg	6.20m ² /kg	6.27m ² /kg

Due to the wide variety of paving products available, the suitability and performance of Blocseal Pro on clay or natural stone paving cannot be warranted.



PRODUCT INFORMATION - BLOCSEAL PRO



Colour

Clear liquid when applied. However, Blocseal Pro will darken the substrate once applied. We strongly recommend application to a small trial area before completing the whole project.

Life Expectancy

Blocseal Pro should give at least 2 years service before reapplication is necessary. The service life can be longer on lightly trafficked surfaces.

Aftercare

Blocseal Pro has been formulated to make life easier by reducing maintenance. It requires no aftercare.

Surface Preparation

Make sure that the surface is clean, dry, and free of soil or weeds. The use of pressure washing is recommended to completely remove any contamination. Allow to dry thoroughly afterwards. Only apply to surfaces in the range 10-40°C.

Product Application

No priming is necessary.

Mix thoroughly before use. Do not dilute.

Blocseal Pro may be applied using a good quality roller. The application of 2 coats is recommended at a wet film thickness of 200µm (0.2mm) per coat. Use a paint scuttle to load the roller and to remove excess sealer. Work the Blocseal Pro sparingly into the surface. Once dry (typically 2 hours at 20°C) a second coat can be applied, again ensuring that the surface is clean and dry.

Packaging and Storage

Blocseal Pro is packaged in metal containers. Blocseal Pro should be stored tightly closed in a cool, dry, well-ventilated place. Keep away from direct sunlight or sources of ignition.

The shelf life is 12 months if containers are unopened.

Health & Safety

Blocseal Pro is flammable.

You must read and understand the separate Material Safety Data Sheet carefully before receiving and using the product.

Published October 2013

BLOCSEAL ULTRA

Block Paving and In-Situ Concrete Sealer giving Ultimate Performance

Description

High performance moisture-cure polyurethane sealer suitable for in-situ concrete paving or block paved surfaces.

Primarily aimed at use on block paving, Blocseal Ultra provides effective consolidation of the sand jointing material together with protection and enhancement of the block paved surface itself. Blocseal Ultra is also suitable as a surface sealer for in-situ concrete paving.

Blocseal Ultra is manufactured in two grades to give either a matt or gloss finish to suit user preference. Its low viscosity ensures rapid penetration into sand joints. Once it has cured by reaction with moisture in the atmosphere, it bonds the sand joints, coats and protects the block surface and inhibits weed growth. Blocseal Ultra is our best block paving sealer due to its toughness and longevity.

Uses

- Concrete block paving joint stabilisation
- Concrete block paving surface sealing and protection
- Concrete block paving colour enhancement & rejuvenation
- Concrete block paving weed growth inhibitor
- General concrete pavement sealer to inhibit fuel & oil staining



Benefits

- Resists staining
- Makes cleaning easier
- Outstanding durability means low maintenance
- Stabilises block paving surface
- Inhibits weed growth
- Enhances the appearance of block paving
- Rejuvenates block paving colour
- Abrasion resistant
- Resistant to chemical attack
- Reduces ingress of water into bedding layer
- Rapid drying
- Ready to use
- Easy to apply
- Available in gloss and matt finishes

Technical

BLOCSEAL ULTRA Moisture Curing Polyurethane		
	GLOSS	MATT
Pack Size in Kg	20 kg	20 kg
Pack Size in Litres (approx.)	21.5 litres	22.5 litres
Viscosity @ 25°C (mPa.S)	<50	<50
Solids Content	28-30%	19-21%
Flash Point	26°C	45°C
Specific Gravity @ 25°C	0.93	0.89
Application Temperature	10-40°C	10-40°C
Spread Rate @ 200µm	5.37m ² /kg	5.62m ² /kg

Due to the wide variety of paving products available, the suitability and performance of Blocseal Ultra on clay or natural stone paving cannot be warranted.

Colours

Clear liquid when applied. However, Blocseal Ultra will darken the substrate once applied. We strongly recommend application to a small trial area before completing the whole project.

Life Expectancy

Blocseal Ultra should give at least 5 years service before reapplication is necessary. The service life can be much longer on lightly trafficked surfaces.

Aftercare

Blocseal Ultra has been formulated to make life easier by reducing maintenance. It requires no aftercare.

PRODUCT INFORMATION - BLOCSEAL



Surface Preparation

Make sure that the surface is clean, dry, and free of soil or weeds. The use of pressure washing is recommended to completely remove any contamination. Allow to dry thoroughly afterwards. Only apply to surfaces in the range 10-40°C.

Product Application

No priming is necessary.

No mixing is required. Do not dilute.

Blocseal Ultra may be applied using a good quality roller. The application of 2 coats is recommended at a wet film thickness of 200µm (0.2mm) per coat. Use a paint scuttle to load the roller and to remove excess sealer. Work the Blocseal Ultra sparingly into the surface. Once dry (typically 2 hours at 20°C, a second coat can be applied, again ensuring that the surface is clean and dry.

Aftercare

Blocseal has been formulated to make life easier by reducing maintenance. It requires no aftercare.

Packaging and Storage

Blocseal Ultra is packaged in metal containers. Blocseal Ultra should be stored tightly closed in a cool, dry, well-ventilated place. Keep away from direct sunlight or sources of ignition.

The shelf life is 12 months if containers are unopened.

Health & Safety

Blocseal Ultra is flammable.

You must read and understand the separate Material Safety Data Sheet carefully before receiving and using the product.

Published March 2012

BLOCSEAL ULTRA

Block paving joint sealer

Peak performance where it matters

High solids polyurethane technology

Outstanding resistance to wear and chemical attack



ADBRUF 

Blocseal Ultra is an exceptional stabiliser, sealer and weatherproofer for concrete and block paving. Polyurethane based with outstanding abrasion resistance, Blocseal Ultra is chemical and water repellent. It inhibits weed growth and enhances the appearance of the surface.

Blocseal Ultra is suitable for both concrete and clay block paving and for all industrial, commercial and domestic applications.



Features and Benefits

- Excellent durability means low maintenance
- Stabilises block paving surface
- Inhibits weed growth
- Enhances the appearance of block paving
- Rejuvenates block paving colour
- Abrasion resistant
- Resistant to chemical attack
- Reduces ingress of water into bedding layer
- Rapid drying
- Ready to use
- Available in gloss and matt finishes



Why not try Blocseal for yourself with these 250ml samples - available on request.

What to do next.....

Call or email us now to discuss your requirements in detail.

Adbruf is a leading manufacturer of surface coating products including line marking materials for highways and special surfacing materials for anti-skid, traffic calming, decorative and colour demarcation applications.

To find out more about our full range, call us or visit our website today.



Adbruf Ltd, Gibbs Marsh Trading Estate, Stalbridge, Dorset, DT10 2RX, UK

Tel: + 44 (0)1963 362640

Email: sales@adbruf.com

Web: www.adbruf.com

PRODUCT INFORMATION

BITEX CLEAR

Clear Road Marking Primer

Description

An effective solvent-based primer for bonding thermoplastic materials to concrete and worn bituminous surfaces. Its low viscosity facilitates deep penetration into substrates. Bitex Clear can be applied by spraying or by brush or roller. See also Adbruf's proprietary Solvent Cleaner for the cleaning of application equipment.

Uses

To improve the adhesion of thermoplastic materials to concrete, worn asphalt or other bituminous surfaces.

Benefits

- Virtually colourless
- Superior adhesion enhancement
- Ready to use - no mixing required
- Fast drying
- Easy to apply

Technical	
Coverage Approx.	12 to 15 m ² per litre @ 66 to 83 microns wet film thickness
Specific Gravity (SG)	Approx. 0.86
Flash Point	-5°C
Application Surface Temp	1 to 50°C
Drying Time	Touch dry in 10 to 15 minutes but over-coating should not take place within 30 minutes

Colours

Clear

Surface Preparation

Surface must be clean, dry and free from any contamination including dust, dirt oil, grease, laitance and curing agents. Particular attention should be given to ensuring the surface is free from salt, ice and moisture.

Product Application

Application is by spray, brush or roller. The prepared surface must be totally covered with a thin, even coating of Bitex Clear. Never pour onto the surface. Ensure Bitex Clear is thoroughly dry before applying subsequent thermoplastic materials. It is always



advisable to try a test area first before proceeding with the main application.

Aftercare

Not normally necessary

Packaging and Storage

Bitex Clear is supplied in 25 litre steel drums. Store in a cool, dry, well-ventilated place. Shelf life is 3 years under normal conditions.

Health and Safety

Bitex Clear contains flammable solvents. Keep away from sources of ignition. No smoking. See separate Safety Data Sheet

Published January 2009

PRODUCT INFORMATION

BITEX Black

Black Road Marking Primer

Description

Bitex Black is an effective solvent-based primer for bonding thermoplastic materials to concrete and worn bituminous surfaces. Its low viscosity facilitates deep penetration into substrates. Bitex Black can be applied by spraying or by brush or roller. See also Bitex Clear and Adbruf's proprietary Solvent Cleaner for the cleaning of application equipment.

Uses

To improve the adhesion of thermoplastic materials to concrete, worn asphalt or other bituminous surfaces

Benefits

- Black for extra contrast against light coloured surfaces
- Superior adhesion enhancement
- Ready to use - no mixing
- Fast drying
- Easy to apply

Technical	
Coverage Approx.	12 to 15 m ² per litre @ 66 to 83 microns wet film thickness
Specific Gravity (SG)	Approx. 0.86
Flash Point	-5°C
Application Surface Temp	1 to 50°C
Drying Time	Touch dry in 10 to 15 minutes but the application of thermoplastic should not take place within 30 minutes

Colours

Black

Surface Preparation

Surface must be clean, dry and free from any contamination including dust, dirt oil, grease, laitance and curing agents. Particular attention should be given to ensuring the surface is free from salt, ice and moisture.

Product Application

Application is by spray, brush or roller. The prepared surface must be totally covered with a thin even coating of Bitex Black. Never pour onto the surface. Ensure Bitex Black is thoroughly dry



before applying subsequent thermoplastic materials. It is always advisable to try a test area first before proceeding with the main application.

Aftercare

Not normally necessary

Packaging and Storage

Bitex Black is supplied in 25 litre steel drums. Store in a cool, dry, well-ventilated place. Shelf life is 3 years under normal conditions.

Health and Safety

Bitex Black contains flammable solvents. Keep away from sources of ignition. No smoking. See separate Safety Data Sheet

Published January 2009

PRODUCT INFORMATION

PRIMER C

General Purpose Primer

Description

Primer C is a moisture cure polyurethane primer suitable for use on many commonly encountered substrates such as concrete, paviors, bricks, timber and MDF.

Uses

Primer C has been formulated principally as a primer for Colourplus, Coldgrip, Coldgrip BBA and Adtex. The low viscosity of Primer C permits deep penetration into dense surfaces, thereby ensuring a good bond. On friable substrates Primer C will serve to consolidate the surface, making it less porous and able to accept further coatings. Primer C confers outstanding flexibility and abrasion resistance and is well proven as a low cost concrete sealer and dustproofer for industrial floors.

Benefits

- Excellent adhesion
- Low cost
- Good coverage
- Flexible
- Fast drying
- Easy to apply

Technical	
Specific Gravity	1.0-0.02
Covering Capacity	15 - 20 m ² /litre
Flash Point	23 - 32°C
Application surface temp	1 - 40°C
Further coating Apply whilst still tacky usually after about 1 hour at 20°C, but within a maximum of 6 hours.	

Colours

Light brown, transparent, low viscosity liquid.

Surface Preparation

The surface must be clean, dry and free from any contamination including dirt, oil, grease, and curing agents on concrete. Particular attention should be given to ensuring the surface is free from moisture.

Product Application

Application should be by brush or roller. Spraying is not recommended because of the health hazard in breathing atomised material (see Safety Data Sheet) and the difficulty of cleaning equipment. Clean equipment thoroughly before Primer C has cured. The prepared surface must be totally covered by a thin, even coating of Primer C. IN ORDER TO ENSURE GOOD ADHESION, IT IS ESSENTIAL THAT ANY FURTHER COATINGS ARE APPLIED WHILST PRIMER C IS STILL TACKY. If Primer C has been allowed to dry hard (after approx 24 hours), it will require thorough abrasion before further coatings can be applied. It is always advisable to try a test area before proceeding with the main application.

Aftercare

None necessary.

Packaging and Storage

Primer C is supplied in easy to handle 5 litre screw top rectangular tins. Primer C is highly flammable and should be stored tightly closed in a cool, dry, well-ventilated place. Keep away from sources of ignition. The shelf life is 1 year if tins are unopened.

Health & Safety

Primer C is highly flammable. Keep away from sources of ignition. See Safety Data Sheet.

Published August 2015



ADBRUF

Adbruf Ltd. Gibbs Marsh Trading Estate,
Stalbridge, Dorset DT10 2RX United Kingdom
Tel: +44 (0)1963 362640 **Fax:** +44 (0)1963 363762
Email: sales@adbruf.com **www.adbruf.com**

VOID FILLER

Void Filler and Surface Regulator



ADBRUF 

Void Filler is a polymer modified cementitious void filler and surface regulator. This system has been specially formulated to act as a strong, easily applied filler to reduce the texture and unevenness of most types of surfaces and substrates before the application of thin veneer resin surfacing type products.

Void Filler comprises a pack containing two parts which, when mixed together and applied, cure to give a very strong, cohesive and even finish, ready for the subsequent application of a resin bonded surfacing system.

Features and Benefits

- **Regulates and standardises the substrate onto which surfacing is to be applied**
- **Binds and seals open-textured substrates**
- **Can be used to smooth rough tamped concrete and textured asphalt**
- **Strong – minimum of 30N/mm² can be achieved when fully cured**
- **Cost-effective**
- **Suitable for asphalt, macadam and concrete substrates**
- **Supplied in kit form – no guesswork over quantities to be dosed**
- **Excellent adhesion to most prepared surfaces**
- **Bonding agents available for more difficult surfaces**

Areas of Use

All commonly encountered surfaces and substrates such as asphalt and concrete have a degree of unevenness and permeability in their surfaces. This deviation from a smooth finish is known as surface texture. The degree of surface texture can be measured as 'texture depth' using the standard sand patch test.

For resin bonded surfacing, the texture depth has a direct bearing on the quantity of resin required to bond aggregate particles to the substrate. Every 1 mm of texture depth in the substrate requires an additional 1 litre of resin per square metre simply to fill the texture before a film suitable for the adhesion of aggregate can be achieved. Void Filler regulates the surface texture and imparts a consistent surface on which the usage of the resin subsequently applied can be accurately predicted and costed.

Adbruf Ltd, Gibbs Marsh Trading Estate, Stalbridge, Dorset, DT10 2RX, UK

Tel: + 44 (0)1963 362640

Email: sales@adbruf.com

Web: www.adbruf.com
