

To complete the clause, select the appropriate wording from below.

### **M22 SPRAYED MONOLITHIC COATINGS**

#### **120 SPRAYED:**

Oscar Acoustics is the UK licensee for the range of SonaSpray spray on acoustic finishes for noise reverberation control in buildings. SonaSpray is manufactured by International Cellulose Corporation (ICC), the European office is in Amsterdam. SonaSpray manufacture has ISO 9002 Accreditation. SonaSpray is non hazardous product with a high recycled content. Oscar Acoustics supplies and installs the range of SonaSpray finishes in the UK, using materials, spray equipment and training supplied only by ICC. Oscar offers full technical support, normally free of charge. Sprayed acoustic treatment installations include schools, restaurants, TV studios, offices, nightclubs, cinema etc and thousands of installations worldwide.

Notable UK installations are: Warner Bros studios, Leavesden - O2, Greenwich - National Space Center Planetarium, Leicester.

SonaSpray - a range of sprayed Acoustic Decorative Finishes with thermal benefits. Through coloured can be redecorated with further coats of SonaSpray or emulsion paint; consult Oscar. To clean, lightly vacuum or brush.

Application thickness is design variable and individually specified for each project.

#### **SonaSpray K13**

Coarse texture finish - acoustic – thermal – condensation control – significantly reduces roof rain noise

#### **SonaSpray K13 Special**

A spray applied, medium texture acoustic finish – condensation control – significantly reduces roof rain noise.

#### **SonaSpray fc**

An attractive spray applied, lightly textured, seamless acoustic finish.

#### **SonaSpray fcx**

Very fine trowel finished flat after spraying – acoustic.

#### **Oscar Elite**

Flat smooth acoustic finish, standard plaster appearance

### **SonaSpray™ K-13**

Spray on one coat thermal and acoustic finish for reverberation and thermal control. Coarse textured compressible surface with 5 standard colours:- white, black, beige, grey and tan. Special colours are also available to order, minimum quantities apply.

Coating thickness up to 100mm thick, typically sprayed at 25 – 50mm to achieve required acoustic reverberation times.

Dry weight 1.8kg/m.sq at 25mm thick.

Fire classification Class 1 to BS476 Part 7. Class 0 to BS476 Part 6

Naturally safe recycled cellulose fibre. Low Embodied Energy. Dispose of as non-hazardous waste.

### Typical applications

Noise reverberation control in night clubs, exhibition areas, (often in black), halls and industrial applications.

Noise reverberation control combined with thermal insulation in single skinned buildings, plus condensation control; with adequate ventilation.

Absorption coefficients at 38mm thick

250 Hz	–	∞ 0.66
500 Hz	–	∞ 1.09
1000 Hz	–	∞ 1.04
2000 Hz	–	∞ 1.05
4000 Hz	–	∞ 1.06
NRC Hz	–	∞ 0.95

See literature or website for full details

Consult Oscar Acoustics technical literature for details. Oscar Acoustics can also assist with design and specification and it is recommended that they are consulted early in the design process.

### 120 SPRAYED THERMAL / ACOUSTIC CONTROL COATING:

**Survey:** Carry out before installation commences.

#### Preparation:

Clips, hangers, supports and associated type attachments to be placed by others prior to spray application.

Ducts, piping and other suspended items to be installed after SonaSpray application or consult Oscar Acoustics.

Oscar stainless steel haloes to be installed for light fittings / smoke sensors etc prior to SonaSpray application to allow firm fixing for the fitting and the fitting to be removed without damaging the SonaSpray. Alternatively the client can supply/install Pattresses made from plasterboard or wood not MDF which can stain the material when wet.

Wood pattresses to be fully painted to prevent any staining of material from contaminants.

Pattresses to be slightly smaller than the base of the fitting to ensure the fitting covers the pattress which should not be seen.

Pattresses to be the same thickness as the SonaSpray, Oscar Acoustics to spray to the edge of the pattress and brush clean the face.

A finishing edge will be required for the SonaSpray where it does not occur naturally eg. around an opening for services to pass through a ceiling or around a staircase opening. Consult with Oscar Acoustics.

The surface to be sprayed shall be inspected prior to application to determine if priming/sealing is required to ensure bond and/or to prevent discolouration by migratory stains. Prime seal accordingly. Consult with Oscar Acoustics.

Oscar Acoustics must install as necessary protection to other finished surfaces from overspray.

The manufacturer recommends 8 air changes per hour immediately after spraying for best drying conditions. Where this does not occur naturally the client to introduce fans and open windows.

Consult with Oscar Acoustics for recommendations and details.

**Barrier/ Bonding coat:** Consult with Oscar Acoustics for recommendations and details.

#### Coating material:

**Supplier:** Oscar Acoustics (a Division of Oscar Engineering Ltd), Michaels Lane, Ash, Kent, TN15 7HT. Tel: 01474 873 122. Fax: 01474 879 554. Email: [mail@oscar-acoustics.co.uk](mailto:mail@oscar-acoustics.co.uk) Web: [www.oscar-acoustics.co.uk](http://www.oscar-acoustics.co.uk)

**Product reference:** SonaSpray K13

#### Quality assurance

Materials equipment and labour to be provided only by an ICC licensed installer.

The installer must use a total ICC system encompassing equipment, fibre and Adhesive. No substitution may be made.

The installer must be trained and licensed by the manufacturer.

**Standard Colours:** White / Black / Beige / Light Grey / Tan

Special colours. Consult with Oscar Acoustics for availability of alternative colours and to obtain samples.

**Surface finish:** Coarse textured

**Minimum applied thickness:** 12mm Coating thickness up to 100mm thick, typically sprayed at 25 – 50mm to

achieve acoustic performance  
Consult with Oscar Acoustics.

**Finishing/ Sealing coat:** Consult with Oscar Acoustics for recommendations and details.

## SonaSpray™ K-13 Special

Spray on one coat acoustic finish for noise reverberation and thermal control. A finer textured surface than Standard K13, with a range of standard colours:- white, beige, light grey, tan and black. Special colours are also available to order, minimum quantities apply.

Coating thickness up to 30mm thick, typically sprayed at 15 – 25mm to achieve acoustic performance.

Dry weight 2.2kg/m.sq at 25mm thick.

Fire classification Class 1 to BS476 Part 7, Class 0 to BS476 Part 6

Naturally safe recycled cellulose fibre. Low Embodied Energy. Dispose of as non-hazardous waste.

### Typical applications

Ceilings 3metre high and above (purely visual).

Noise reverberation control in schools, village halls, Prayer halls, swimming pools.

Plus condensation control with adequate ventilation.

Absorption coefficients at 25mm thick

250 Hz	–	∞ 0.54
500 Hz	–	∞ 0.93
1000 Hz	–	∞ 1.03
2000 Hz	–	∞ 1.08
4000 Hz	–	∞ 1.05
NRC Hz	–	∞ 0.90

See literature or website for full details

Consult Oscar Acoustics technical literature for details. Oscar Acoustics can also assist with design and specification and it is recommended that they are consulted early in the design process.

### 120 SPRAYED THERMAL / ACOUSTIC CONTROL COATING:

**Survey:** Carry out before installation commences.

#### Preparation:

Clips, hangers, supports and associated type attachments to be placed by others prior to spray application.

Ducts, piping and other suspended items to be installed after SonaSpray application or consult Oscar Acoustics.

Oscar Haloes to be installed for light fittings / smoke sensors etc prior to SonaSpray application to allow firm fixing for the fitting. Alternatively Pattresses can be supplied/installed by the client made from plasterboard or wood not MDF which can stain the material when wet.

Wood pattresses to be fully painted to prevent any staining of material from contaminants.

Pattresses to be slightly smaller than the base of the fitting to ensure the fitting covers the pattress which should not be seen.

Pattresses to be the same thickness as the SonaSpray, Oscar Acoustics to spray to the edge of the pattress and brush clean the face.

A finishing edge will be required for the SonaSpray where it does not occur naturally eg. around an opening for services to pass through a ceiling or around a staircase opening. Consult with Oscar Acoustics.

The surface to be sprayed shall be inspected prior to application to determine if priming/sealing is required to ensure bond and/or to prevent discolouration by migratory stains. Prime seal accordingly. Consult with Oscar Acoustics.

Oscar Acoustics must install as necessary protection to other finished surfaces from overspray

The manufacturer recommends 8 air changes per hour immediately after spraying for best drying conditions. Where this does not occur naturally introduce fans and open windows.

Consult with Oscar Acoustics for recommendations and details.

**Barrier/ Bonding coat:** Consult with Oscar Acoustics for recommendations and details.

**Coating material:**

**Supplier:** Oscar Acoustics (a Division of Oscar Engineering Ltd), Michaels Lane, Ash, Kent, TN15 7HT. Tel: 01474 873 122. Fax: 01474 879 554. Email: [mail@oscar-acoustics.co.uk](mailto:mail@oscar-acoustics.co.uk) Web: [www.oscar-acoustics.co.uk](http://www.oscar-acoustics.co.uk)

**Product reference:** SonaSpray K13 Special

**Quality assurance:**

Materials equipment and labour to be provided by ICC licensee. SonaSpray to be installed by spray application using only ICC authorised equipment.

The installer must use a total ICC system encompassing equipment, fibre and adhesive. No substitution may be made.

The installer must be trained and licensed by the manufacturer.

**Standard Colours:** White / Beige / Light Grey / Tan / Black

Special colours. Consult with Oscar Acoustics for availability of alternative colours and to obtain samples.

**Surface finish:** Medium textured

**Minimum applied thickness:** 10mm. Coating thickness up to 30mm thick, typically sprayed at 15 – 25mm to achieve acoustic performance. Consult with Oscar Acoustics for recommendations and details.

**Finishing/ Sealing coat:** Consult with Oscar Acoustics for recommendations and details.

## SonaSpray™ fc

Spray on one coat acoustic finish for noise reverberation control.

Lightly textured firm surface with standard colours; white and arctic white. Almost any colour can be made to order, minimum quantities apply.

Coating thickness up to 20mm, typically sprayed at 10 - 20mm to achieve acoustic performance

Dry weight 2.6kg/m.sq at 20mm thick.

Fire classification Class 1 to BS476 Part 7. Class 0 to BS476 Part 6

**Typical applications**

All ceilings / soffits / walls above 2.5metres.

Noise reverberation control in schools, offices, receptions, meeting rooms, churches.

Absorption coefficients at 20mm thick

250 Hz	–	∞ 0.34
500 Hz	–	∞ 0.85
1000 Hz	–	∞ 0.99
2000 Hz	–	∞ 1.04
4000 Hz	–	∞ 1.04
NRC Hz	–	∞ 0.80

See literature or website for full details.

Naturally safe recycled cellulose fibre. Low Embodied Energy. Dispose of as non-hazardous waste.

Consult Oscar Acoustics technical literature for details. Oscar Acoustics can also assist with design and specification and it is recommended that they are consulted early in the design process.

**120 SPRAYED NOISE REVERBERATION CONTROL COATING:**

**Survey:** Carry out before installation commences.

**Preparation:**

Clips, hangers, supports and associated type attachments to be placed by others prior to spray application.

Ducts, piping and other suspended items to be installed after SonaSpray application or consult Oscar Acoustics.

Oscar Haloes to be installed for light fittings / smoke sensors etc prior to SonaSpray application to allow firm fixing for the fitting. Alternatively the client can supply/install Pattresses made from plasterboard or wood not MDF which can stain the material when wet.

Wood pattresses to be fully painted to prevent any staining of material from contaminants.

Pattresses to be slightly smaller than the base of the fitting to ensure the fitting covers the pattrass which should not be seen.

Pattresses to be the same thickness as the SonaSpray, Oscar Acoustics to spray to the edge of the pattrass and brush clean the face.

A finishing edge will be required for the SonaSpray where it does not occur naturally eg. around an opening for services to pass through a ceiling or around a staircase opening. Consult with Oscar Acoustics.

The surface to be sprayed shall be inspected prior to application to determine if priming/sealing is required to ensure bond and/or to prevent discolouration by migratory stains. Prime seal accordingly. Consult with Oscar Acoustics.

Oscar Acoustics must install as necessary protection to other finished surfaces from overspray

The manufacturer recommends 8 air changes per hour immediately after spraying for best drying conditions. Where this does not occur naturally introduce fans and open windows.

Consult with Oscar Acoustics for recommendations and details.

**Barrier/ Bonding coat:** Consult with Oscar Acoustics for recommendations and details.

**Coating material:**

**Supplier:** Oscar Acoustics (a Division of Oscar Engineering Ltd), Michaels Lane, Ash, Kent, TN15 7HT. Tel: 01474 873 122. Fax: 01474 879 554. Email: [mail@oscar-acoustics.co.uk](mailto:mail@oscar-acoustics.co.uk) Web: [www.oscar-acoustics.co.uk](http://www.oscar-acoustics.co.uk)

**Product reference:** SonaSpray FC Spray

**Quality assurance:**

Materials equipment and labour to be provided by ICC licensee. SonaSpray to be installed by spray application using only ICC authorised equipment.

The installer must use a total ICC system encompassing equipment, fibre and adhesive. No substitution may be made.

The installer must be trained and licensed by the manufacturer.

**Standard Colours:** White / Arctic White.

Special colours. Consult with Oscar Acoustics for availability of colours and to obtain samples, minimum quantities apply.

**Surface finish:** Lightly textured

**Minimum applied thickness:**

Coating thickness up to 20mm, typically sprayed at 10 - 20mm to achieve acoustic performance. Consult with Oscar Acoustics for recommendations and details.

**Finishing/ Sealing coat:** Consult with Oscar Acoustics for recommendations and details.

## SonaSpray™ fcx

fcx is designed to visually complement the SonaSpray range of products. There are occasions when the specifier requires a flat smoother finish, fcx achieves this.

fcx is applied in thin layers of 7mm per layer trowelled and compressing the material to 5mm thick.

Subsequent layers can be applied immediately to the material, (does not have to be left to dry), significantly reducing site times compared to other products that are applied in layers.

The two fcx options of finish are:

fcx spray finish – fine texture

fcx trowell finish – flat with lightly pitted surface

**Typical applications;**

Restaurants, conference rooms, reception areas etc.

Consult Oscar Acoustics technical literature for details. Oscar Acoustics can also assist with design and specification and it is recommended that they are consulted early in the design process.

Dry weight 3.25kg/m.sq at 20mm thick.

Fire classification Class 1 to BS476 Part 7. Class 0 to BS476 Part 6

Naturally safe recycled cellulose fibre. Low Embodied Energy. Dispose of as non-hazardous waste.

Absorption coefficients at 20mm thick

250 Hz	–	∞ 0.34
500 Hz	–	∞ 0.85
1000 Hz	–	∞ 0.99
2000 Hz	–	∞ 1.04
4000 Hz	–	∞ 1.04
NRC Hz	–	∞ 0.80

## **120 SPRAYED ACOUSTIC CONTROL COATING:**

**Survey:** Carry out before installation commences.

### **Preparation:**

Clips, hangers, supports and associated type attachments are to be placed by others prior to spray application.

Ducts, piping and other suspended items to be installed after fcx application or consult contractor.

Oscar Haloos to be installed for light fittings / smoke sensors etc prior to fcx application to allow firm fixing for the fitting. Alternatively the client can supply/install Pattresses made from plasterboard or wood not MDF which can stain the material when wet.

Wood pattresses to be fully painted to prevent any staining of material from contaminants.

Pattresses to be slightly smaller than the base of the fitting to ensure the fitting covers the pattrass which should not be seen.

Pattresses to be the same thickness as the fcx, Oscar Acoustics to spray to the edge of the pattrass and brush clean the face.

A finishing edge will be required for the fcx where it does not occur naturally eg. around an opening for services to pass through a ceiling or around a staircase opening, consult Oscar Acoustics

The surface to be sprayed shall be inspected prior to application to determine if priming/sealing is required to ensure bond and/or to prevent discolouration by migratory stains. Prime seal accordingly, consult Oscar Acoustics.

Oscar Acoustics must install as necessary protection to other finished surfaces from overspray.

The manufacturer recommends 8 air changes per hour immediately after spraying for best drying conditions. Where this does not occur naturally, introduce fans and open windows.

Consult with Oscar Acoustics for recommendations and details.

**Barrier/ Bonding coat:** Consult with Oscar Acoustics for recommendations and details.

### **Coating material:**

**Supplier:** Oscar Acoustics (a Division of Oscar Engineering Ltd), Michaels Lane, Ash, Kent, TN15 7HT. Tel: 01474 873 122. Fax: 01474 879 554. Email: [mail@oscar-acoustics.co.uk](mailto:mail@oscar-acoustics.co.uk) Web: [www.oscar-acoustics.co.uk](http://www.oscar-acoustics.co.uk)

**Product reference:** fcx fine finish / fcx trowelled

### **Quality assurance:**

Materials equipment and labour to be provided by ICC licensee. SonaSpray to be installed by spray application using only ICC authorised equipment.

The installer must use a total ICC system encompassing equipment, fibre and adhesive. No substitution may be made.

The installer must be trained and licensed by the manufacturer.

**Standard Colours:** White / Arctic White.

Special colours. Consult with Oscar Acoustics for availability of colours and to obtain samples, minimum quantities apply.

**Surface finish:** flat lightly pitted

**Minimum applied thickness:** 5mm. Sonacoustic is applied in thin layers of 7mm per layer trowelled and compressing the material to 5mm thick immediately followed by the next coats building to the required thickness.

Consult with Oscar Acoustics for recommendations and details.

**Finishing / Sealing coat:** Consult with Oscar Acoustics for recommendations and details.



Oscar Elite **decorative acoustic finishes** - Oscar Acoustics is the experienced UK installer of spray on and trowel acoustic finishes for noise reverberation control in buildings. Oscar supplies and installs using the best available materials and recommended equipment achieving a plaster like smooth finish.

Oscar offers full technical support, normally free of charge.

Oscar Elite installations include reception areas, restaurants and designer homes where a preference for smooth hard surfaces can lead to acoustic problems.

Notable installations include: RICS conference room, Parliament Sq - Hampton Court Palace, Clore Learning Centre - Colchester Visual Arts Centre.

Oscar Elite is a decorative, highly sound-absorbent ceiling and wall covering; the seamless surface is smooth but can also be finished as stucco

Oscar Elite is applied in two operations:

- High density mineral batts are directly fixed to the substrate using mechanical fixings and adhesive. The base coat is then spray applied, trowelled flat and left to dry.
- Once dry the top coat is spray applied, it is the final coating that determines the finish: left as sprayed for stucco finish or trowelled for the plaster like finish. When the top coat is dry the surface can be sanded if required.
- **Elite** – Extremely fine plaster like finish trowelled flat
- **Elite stucco** – Stucco finish is left as sprayed, not trowelled
- To meet a required acoustic performance Oscar Elite is applied either:
- Onto high density 20mm glass fibre batts that are fixed directly to the substrate
- Onto high density 20mm glass fibre batts that are fixed to an MF ceiling, plasterboard taped and jointed with an air gap behind the plasterboard.
- Thicker glass fibre batts are also available

Typical applications:

High specification apartments, houses, restaurants and reception areas etc.

Consult Oscar Acoustics technical literature for details. Oscar Acoustics can also provide design advice and it is recommended that they are consulted early in the design process.

## 120 SPRAYED **ACOUSTIC CONTROL** COATING TO . . . . .

**Survey:** Carry out before installation commences.

**Preparation:**

Fibre glass batts to be fixed and base coat applied before the installation of Clips, hangers, supports and associated type attachments [by others]. Then the spray application of the top coat to take place before the installation of ducts, piping and other suspended items. However if access is good with minimal obstruction the spray coats could be applied after the installation of services consult Oscar.

Oscar stainless steel haloes to be installed for flush light fittings / smoke sensors etc prior to the Oscar Elite application, this gives a firm fixing for the fitting and avoids damage to the edge of the finish when light fittings are removed. The contractor is to inform Oscar of the size of the cut-outs in the ceiling, Oscar will manufacture haloes to the same diameter. Haloes are manufactured the same thickness as the acoustic finish; normally 25mm. For a drawing of a typical halo contact Oscar.

A finishing edge will be required for Oscar Elite where it does not occur naturally eg around an opening for services to pass through a ceiling or around a staircase opening or shadow gaps. Use only Oscar plastic 'F' profile.

The surface to receive Oscar Elite is to be inspected prior to application to determine if priming/sealing is required to ensure bond and/or to prevent discolouration by migratory stains. Prime seal accordingly, consult Oscar Acoustics.

Oscar Acoustics must install as necessary protection to other finished surfaces from overspray.

Good ventilation: 8 air changes/hour is recommended for best drying conditions. Where this does not occur naturally, introduce fans and open windows, in good conditions coats should dry in 5-7 days - Consult Oscar.

**Barrier/ Bonding coat:** Consult with Oscar Acoustics for recommendations and details.

**Product reference:** Oscar Elite

**Quality assurance:**

Oscar Elite installations use only the best materials available which are installed by Oscar Acoustics trained installers using only authorised equipment.

**Colour:** Consult with Oscar Acoustics for availability of colours and to obtain samples. Oscar adds colour pigment to the coating during the spraying process to achieve pastel colours

**Surface finish:** Plaster like finish

**Minimum applied thickness:** Oscar Elite apply at a minimum thickness of 25mm including the high density mineral batt, primary coat and top coat.

**Dry Weight:** 4.9kg/sq.mtr

**Finishing / Sealing coat:** Consult with Oscar Acoustics for recommendations and details.

**Oscar Elite [1] solid back [2] panel with 60mm air space [3] panel with 120mm air space behind**

<b>25mm [1]</b>	0.10	0.52	0.83	0.87	0.85	0.83	EN ISO Class B
<b>25mm [2]</b>	0.60	0.90	0.80	0.75	0.85	0.90	EN ISO Class B
<b>25mm [3]</b>	0.90	0.88	0.76	0.78	0.86	0.90	EN ISO Class B

**Fire Rating**

**Oscar Elite**



BS 476 Part 6 Class 0
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BS 476 Part 7 Class 1
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