

CR203

Report No.
Job Ref:

SPRAYBOOTH COMMISSIONING REPORT

Company: Ginga Automotiles
 Address: Dr-63
35 Cress Road
Hanging Island
Callamington
 Postcode: PA11 9BZ
 Phone: 07948 394622
 Contact: Jim Waller

Date of Commissioning: 5/6/21
 Manufacturer: Todd
 Model: Oxyman
 Spraybooth ID: Todd/Oxyman
 First Service Due: 7/6/21
 Engineer: Callum Stark

Extract Filter Type: EU2 EU3
 Extract Filter Size: 4000 x 1000
 Input Filter Size: 2500 x 1000

Extract Filter Type: —
 Quantity: 1
 Quantity: 3

Extract Fan(s) Type: Ariel Square
 Input Fan(s) Type: Ariel Square
 Inverter Settings: 42.0 Hz
 (Spray) Extract: — Hz
 (Bake) Extract: 0.0 Hz
 Damper Settings: — % Open
 Extract Damper Position: —

Rating: 3 kW Qty: 1
 Rating: 3 kW Qty: 1
 Input: 39.0 Hz
 Input: 35.0 Hz
 Input: — % Open

Burner Settings
 Fuel Type: Nu Way S6170 LPG
 Burner Make/Model: Nu Way S6170
 Gas Pressures Gas/LPG: — mb

Output: — BTU's/kW
 Qty: 1

Standing Pressure: — mb Working Pressure (High Fire) — mb Working Pressure (Low Fire) — mb
 Oil Settings: — Pump Pressure —
 Nozzle Size: —
 Flue Analysis: CO — PPM CO2 — % Ratio —

Clearance Time: 2 Min 20 Sec
 Bake Temperature Time: 2 Min 16 Sec
 Lighting Type: TODD LED

Booth Pressure: -20 Pa
 Booth Pressure: +30 Pa
 Size: PAD6 Qty: 8

Work Complete: YES ☒ No ☐

Hours Run: 660

Engineers Signature

Customer Signature

VISC. CONTENT

VISC. before mix*	840 g/l
VISC. after mix, filling version	515 g/l
VISC. after mix, priming version	550 g/l

* For ready to use mixture dev. by EU Directive 2004/42/CE

APPLICATION CONDITIONS

It is recommended to apply this primer over 15°C and under a humidity of 90%.

APPLICATION

	Traditional gravity spray gun	Nozzle	Pressure	Distance
		1.8 - 1.8mm	CAUTION: follow the equipment manufacturer's guidelines	
	No. of coats	1-3		
	Single dry coat thickness	Filling version	Priming version	
		55 - 55 µm	25 - 40 µm	
	Ready to use mixture yield for the given range of dry coat thickness	4.1 m²/l at 100 µm	7.5 m²/l at 50 µm	
	Mixture life at 20°C	1 h		
	Flash-off time between coats	5 - 10 min		

CURING TIMES

	20°C	60°C
	3 h	30 min.

CAUTION: The curing times apply to the temperature of specific elements.

COATABILITY

Coatable with Spectral Base 2.0, Spectral Wave 2.0, and Spectral 2K.

Apply the topcoat in the wet on wet version after 15 min/20°C.

The maximum application time for the next coat without matting is 7 days. After a minimum of 8 hours from the application, degrease the primer with the Extra 785 universal degreaser.

IR DRYING

	Distance	Follow the equipment manufacturer's guidelines
	Time, depending on lamp type and power	10 - 10 min

CAUTION: Start IR heating after at least 10 mins from applying the last coat



CAUTION

Smoke Test Clearance Time

Spraybooth ID: Todd/Olympian
Certificate No: ST7343
Test Date: 12th June 2020
Re-Test Date: 11th June 2021
Tested By: S. Roberts
Location: Ginga Auto Body Repairs
PO11 9QZ

Until Clearance Time has Elapsed

1. Do not enter booth without wearing PPE
2. Do not remove any PPE when in the booth
3. Be aware of the hidden risk of inhaling Isocyanate

Complies with guidelines as issued by Health & Safety Executive and Fire & Environmental Department.

2 Minute(s) 48 Seconds

APPROVED SIGNATORY

Chris Todd
Managing Director



Tel: 01889 343 115
E-mail: sales@ssm-limited.co.uk
Web: www.toddengineering.co.uk

Glassfibre Paint Arrestor Filter Media

Application

Designed for the retention of overspray from paint spraying extract systems in order to eliminate contamination of equipment, spoiling of painted surfaces and most importantly protection of the environment.

Description

Continuous, monofilament glassfibres are built up to create a matrix with a progressive density, having an open structure on the air inlet face and a firm laminate backing on the air exit face. These characteristics provide a material which promotes in-depth filtration (not surface loading) and therefore high paint holding capacity, with a minimum resistance to airflow. The high compressive strength ensures stability and rigidity which means the media will not sag under normal operating conditions causing unfiltered air by-pass.

Technical Data

		<u>2"</u> PAX 500	<u>4"</u> PAX 1000
Average Paint Arrestance	%	95-98	98-99
Air Volume	m ³ /Hr/m ²	2500-6300	2500-6300
Initial resistance	Pa	7-40	14-60
Paint Holding Capacity at 80Pa and 0.7 m/sec	g/m ²	3500-4700	3900-5900
Filter Depth (nominal)	mm	50-65	95-110
Flame Resistance	BS 5588/CP413 DIN 53438	Non flammable	

Dimensions (Standard)

Standard Roll Sizes From: 0.5 x 20m
To: 2.0 x 40m
Special roll sizes or cut pads can be supplied to customer requirements.

Technical data sheet



Cosmotec FL150 Polyester Media



Similar to picture

Technical data:

Product	Filter roll
Medium	Polyester
Colour media	White and Blue/White
Dimension (width x length) [m]	1 x 1
Material thickness approx [mm]	12
Surface weight approx. [g/m ²]	150
Filter area [m ²]	1
Filter Class EN779:2012 / ISO16890	G2 / ISO Coarse 30%
Recommended nominal air flow [m ³ /h/m ²]	5400
Air velocity [m/s]	1.5
Initial pressure drop flat sheet tested [Pa]	50
Recommended final pressure drop [Pa]	250
Average arrestance [%] ^{*1}	≥ 80 < 90
Average efficiency at 0.4 µm [%] ^{*1}	-
Maximum humidity resistance [%]	100
Maximum operating temperature [°C]	80
Labelling	Filter class, test type

^{*1}Flat sheet tested

Characteristics of test:

Classification EN 779:2012 / ISO16890	G2 / ISO Coarse 30%
Fire Protection	DIN 53438 - 3 (F1)

Product Benefits:

The filter media is compressed towards the clean air side and takes full depth of fibrous web for dust adsorption	Shatter proof synthetic fibres, enviromentally safe
Contains no silicone or other lacquer harming substances	Special sizes are possible depending on purchase quantities

Note:

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Technical data sheet

Cosmotec FL220 Polyester Media



Similar to picture

Technical data:

Product	Filter roll
Medium	Polyester
Colour media	White and Blue/White
Dimension (width x length) [m]	1 x 1
Material thickness approx [mm]	25
Surface weight approx. [g/m ²]	220
Filter area [m ²]	1
Filter class EN779:2012 / ISO16890	G4 / ISO Coarse 50%
Recommended nominal air flow [m ³ /h/m ²]	5400
Air velocity [m/s]	1.5
Initial pressure drop flat sheet tested [Pa]	70
Recommended final pressure drop [Pa]	250
Average arrestance [%] ^{*1}	≥ 90
Average efficiency at 0.4 µm [%] ^{*1}	-
Maximum humidity resistance [%]	100
Maximum operating temperature [°C]	80
Labelling	Filter class, test type

^{*1} Flat sheet tested

Characteristics of test:

Filter class EN779:2012 / ISO16890	G4 / ISO Coarse 50%
Fire Protection	DIN 53438 - 3 (F1)

Product Benefits:

The filter media is compressed towards the clean air side and takes full depth of fibrous web for dust adsorption	Shatter proof synthetic fibres, environmentally safe
Contains no silicone or other lacquer harming substances	Special sizes are possible depending on purchase quantities

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Filtration mats

V600G



Filter class acc. to ISO 16890		ISO ePM ₁₀ 50%	
Average efficiency	ePM ₁	3%	
	ePM _{2,5}	6%	
	ePM ₁₀	50%	
Filter class acc. to EN 779:2012		M5	

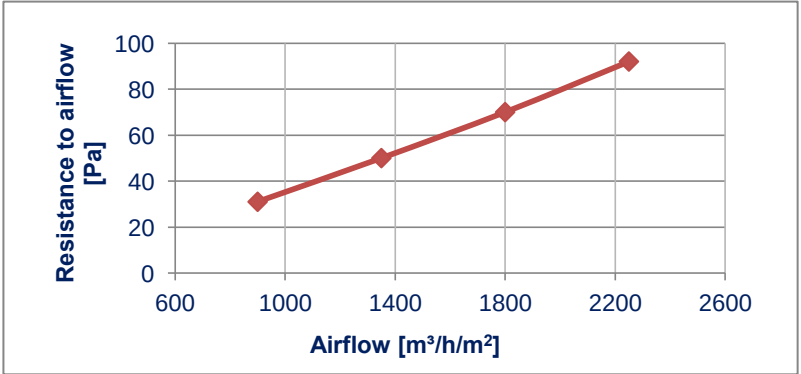
Medium		Polyester	
Medium color		White	
		☐	
Max. humidity resistance [%]		100	
Max. temperature [°C]		80	
Fire behaviour		DIN 53438 - 3 (F1)	

Dimensions [m] (width x lenght)		1 x 1		Recommended nominal air flow [m³/h/m²]		1.800	
Filter area [m²]		1		Air velocity [m/s]		0,50	
Surface weight approx. [g/m²]		635		Initial pressure drop [Pa]		70	
Material thickness approx. [mm]		25		Recommended final pressure drop [Pa]		300	
Labelling		Filter class, type test					

Available dimensions:

Standard roll lenght [m]	20,00
Maximal roll width [m]	2,30
Maximum cut length [m]	10,00

Initial pressure drop



Product Benefits:

- The filter media is compressed towards clean air side and takes full depth of fibrous web for dust adsorption
- Higher dust holding capacity by additional impregnation with dust adhesive
- Polyester-textile on clean air side gives a higher stability
- Contains no silicone or other lacquer harming substances
- Also available as filter tube or sewn filter bag
- Precuts for finished dimension



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