

TEKNISK DATABLAD

Issue date:
Feb 2020

SELEMIX[®] DIRECT GLAS PROCES 7-536 / 7-537 / 7-110

PRODUKT BESKRIVELSE

Selemix Direct er en robust polyurethanbelægning. Når det bruges sammen med Selemix 6-585 Glasvedhæftnings promoter, giver det et brugervenligt produkt, der kan påføres direkte på glas til applikationer, hvor bagsiden af glasset er malet. Eksempler er køkken splashbacks, badeværelse fittings og reklameskærme.

Selemix 7-110 2K akryl topcoat binder kan også bruges sammen med Selemix 6-585 glasvedhæftnings promoter til metallisk effekt og til transparent finish.

Selemix 7-110 2K Acrylic Topcoat Binder can also be used with **Selemix 6-585 Glass Adhesion Promoter** for glitter and sparkle effects, and for transparent finishes.

PRODUCTS

7-536	<i>Selemix</i> Direct Gloss 70% Mixed farver
7-537	<i>Selemix</i> Direct Gloss 70% Lyse farver (for hvid og pastel farver)
7-110	<i>Selemix</i> 2K Acrylic Topcoat Binder

Hardeners:

9-070	Direct Hærder
-------	---------------

Thinners:

1-470	Slow Direct Fortynder
1-480	Direct Fortynder
1-490	Accelerated Direct Fortynder

Additives:

6-585	Glass Adhesion Promoter
6-550	Accelerator for Direct

UNDERLAG OG FORBEREDELSE



Glas	Rengør og affedt grundigt med et opløsningsmiddel eller en alkoholbaseret glasreenser
------	---

Anvend kun på en ren og tør overflade med en temperatur over dugpunktet for at undgå kondens. Sørg for tilstrækkelig ventilation under påføring og tørring.

BLANDING (Standard 7-536 / 7-537 Proces)

Bland topcoat grundigt inden aktivering, og kontroller farve inden brug. Tørringshastigheden kan øges ved brug af 1-490 fortynder eller 6-550 Accelerator (tilsat til 1-2%), men disse kan forkorte potlife. Brug af 1-490 fortynder OG 6-550 sammen anbefales ikke.



Features: Standard Proces	Conventional Spray Solid Colours and Standard Metallic Finishes
Efter vægt: 7-536 / 7-537 Topcoat 9-070 Hærder 6-585 Glas Additive 1-480 /1-470 /1-490 Fortynder	1000 200 85 85
Efter Volume: 7-536 / 7-537 Topcoat 9-070 Hærder 6-585 Glas Additive 1-480 /1-470 /1-490 fortynder	4 1 0.5 0.5 (12%)
Viscositet (ved 20°C):	20-25 sek DIN4
Pot Life (ved 20°C):	3 timer 1-2 timer med 1-490 fortynder




PÅFØRING (Standard 7-536 / 7-537 Proces)






Features	Conventional
Sprøjte setup:	Dyse: Overliggende kop: 1.6-1.8mm Underliggende kop: 1.8-2.0mm Lavtryk/Membran: 1.2-1.4mm
Luft tryk:	HVLP: 2 Bar Standard: 2-3 Bar
Væske tryk:	N/A
Antal lag:	2-3
Flash-off mellem lag:	5-10 min
Tørring:	Luft eller ovn tørring 60°C i 45 mins
Flash-off før tørring:	5-10 min
Våd film tykkelse:	100-200 micron
Tør film tykkelse:	50-100 micron

BLANDING (7-110 Effekt Proces)

Bland topcoat grundigt inden aktivering, og kontroller farve inden brug.

	Features: 7-110 Effekt Proces konventionel Sprøjt	Effects Process Sparkles / Glitters	Transparent Effects
		Add Sparkles / Glitters to Selemix 7-110 Clear Binder at 0.5-2.5%	Add Selemix Tinters to Selemix 7-110 Clear Binder at 5%
	Efter vægt: 7-110 Binder 9-070 Hardener 6-585 Glass Additive	1000 500 300	1000 500 300
	Efter Volume: 7-110 Binder 9-070 Hardener 6-585 Glass Additive	2 1 0.6	2 1 0.6
	Viscosity (at 20°C): Pot Life (at 20°C):	20-25 secs DIN4 3 hours	20-25 secs DIN4 3 hours

APPLICATION (7-110 Effects Process)

	Features: 7-110 Effects Process Conventional Spray	Effects Process Sparkles / Glitters	Transparent Effects
	Spraygun setup:	Nozzle: Gravity: 1.6-1.8mm Suction: 1.8-2.0mm Pressure feed: 1.2-1.4mm	Nozzle: Gravity: 1.6-1.8mm Suction: 1.8-2.0mm Pressure feed: 1.2-1.4mm
	Air Pressure:	HVLP: 2 Bar Standard: 2-3 Bar	HVLP: 2 Bar Standard: 2-3 Bar
	Fluid Pressure:	N/A	N/A
	Number of coats:	1-2 light coats	2 Full Coats
	Flash-off between coats:	3-5 mins	5-10 mins
	Drying:	Air dry	Air dry or bake at 60°C for 45 mins
	Recoat time:	Recoat with 7-536 Glass System after a minimum of 10 mins	-
	Dry Film Thickness	10 microns	30-50 microns

DRYING TIMES



at 20°C

Features	Standard Process 7-536 / 7-537	Effects Process 7-110
Dust Free	60 mins	20 mins
Touch Free	1.5-2 hours	1.5-2 hours
Tape Free	24 hours	24 hours
Handleable	6-10 hours	6-10 hours
Hard Dry	24 hours	24 hours
Stoving:	45 minutes @ 60°C (according to film thickness)	45 minutes @ 60°C (according to film thickness)
Overcoating time:	Minimum: when Hard Dry Maximum: 5 months by itself without sanding	Minimum: 10 minutes Maximum: 24 hours without sanding
Note:	Lower temperature or film thickness higher than 100µm will extend drying times	Lower temperature or film thickness higher than 50µm will extend drying times

TECHNICAL DATA

Features	Standard Process 7-536 / 7-537	Effects Process 7-110
Based on ready-for-use mixed paint including thinner:		
VOC (g/L):	424-592g/L (depending on colour and dilution)	526-541g/L (depending on colour and dilution)
Solid content (weight):	43-59 %	47-53 %
Solid content (volume):	32-60 %	40-42 %
Solvent content (weight):	41-57 %	47-53 %
Specific gravity (Ready for use)	1.05-1.36 Kg/L	1.01-1.15 Kg/L
Theoretical coverage:	4-7.5 m ² per litre at 80 microns	7.9-8.3m ² per litre at 50 microns
Gloss:	Semi-Gloss	Gloss

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
1.775.3600/E4.25K	7-536	Direct Gloss 80% Topcoat	4.25	Kg
1.775.3600/E17K	7-536	Direct Gloss 80% Topcoat	17	Kg
1.775.3700/E4.75K	7-537	Direct Gloss 80% Topcoat Light Colours	4.75	Kg
1.775.3700/E19K	7-537	Direct Gloss 80% Topcoat Light Colours	19	Kg
1.771.1000/E2.5K	7-110	Acrylic Topcoat	2.5	Kg
1.771.1000/E10K	7-110	Acrylic Topcoat	10	Kg
1.991.5070/E1	9-070	Direct Hardener	1	Lt
1.991.5070/E5	9-070	Direct Hardener	5	Lt
1.991.5070/E25	9-070	Direct Hardener	25	Lt
1.991.1470/E5	1-470	Slow Direct Thinner	5	Lt
1.991.1480/E5	1-480	Direct Thinner	5	Lt
1.991.1480/E25	1-480	Direct Thinner	5	Lt
1.991.1490/E5	1-490	Accelerated Direct Thinner	5	Lt
1.991.1490/E25	1-490	Accelerated Direct Thinner	5	Lt
1.965.5000/E1	6-550	Direct Accelerator	1	Lt
1.965.5000/E5	6-550	Direct Accelerator	5	Lt
1.965.8500/E1	6-585	Glass Adhesion Promoter	1	Lt

HEALTH AND SAFETY

For comprehensive Health, Safety and Environmental advice, please refer to the relevant Material Safety Data Sheets and Product can labels.

THIS PRODUCT IS FOR PROFESSIONAL USE ONLY

The information given in this sheet is for guidance only. Any person using the product without first making further enquiries as to the stability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of our experience and our policy of continuous product development. Drying times quoted are average times at 20°C. Film thickness, humidity and shop temperature can all affect drying times.

FOR FURTHER INFORMATION PLEASE CONTACT:

Selemix Customer Service and Sales Group
 Needham Road
 Stowmarket, Suffolk
 IP14 2AD, England
 Tel: 01449 771771