FLOOR PAINTS



PROTECTION MADE EASY

Made in Belgium
Since 1874

Libert industrial paints

FLOOR PAINTS

Industrial floor of Libert Paints

The floors of production areas, warehouses, stores and showrooms are often so heavily used that extra resistant floor paint becomes a must. That's why Libert Paints developed different unique formulas, mostly based on polyurethane resins. Combined in one paint system these floor paints can guarantee a quality solution for any floor.

By combining different premium products based on quality polyurethane and epoxy resins, Libert floor paint systems are:

- Easy to apply with brush, roller or spray
- Fit for intensive and industrial use
- Tintable in a wide of colours
- Approved for use in places where food is processed (HACCP)
- Water based, Solvent free and solvent based products
- Excellent impregnation and adherence on all types of surfaces
- High chemical resistance
- High abrasion resistance
- Good impact resistance
- Very good scratch and wear resistance
- Extra durable and wear-resistant

Anti-slip beads can be added to most of these floor paints in order to obtain good anti-slip properties (see technical specifications).



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Porous new surface

- Before the paint is applied, the surface must be dry. Measure with a moisture meter: ideally the moisture of the floor surface is less than 5%
- A new concrete layer is best fully cured (wait 8 to 12 weeks before applying a coat of paint)
- Oil stains must be removed or cleaned (detergent – NaOH (10% in water) – **Solvatane**)
- Be careful with oil or grease that has penetrated deep into the pores. That is usually difficult to remove. Degrease a few times.
- All loose particles must be removed (with a brush or preferably an industrial vacuum cleaner)

Non-porous substrates, polyconcrete...

- Remove oil and grease with **Eco-Degreaser** or a suitable solvent
- On polyconcrete: remove curing compounds by shot blasting or by etching with an acid solution (3L in 10L water) and then wash thoroughly with water
- The substrate is best dry before the paint is applied (humidity lower than 5%)
- Remove dust particles (clean with an industrial vacuum cleaner)
- Ceramic tiles: remove oil, grease and dust
- Apply primer as soon as possible to prevent dust from re-appearing on the surface

Silaan Additief



Silane Additive can be added to Solfix, Cryltane DTS 20 or Oxypaint SL Floor Primer (1.5%) to obtain a good direct adhesion on non-porous floors.

Eco-Degreaser



A powerful, waterborne degreaser for cleaning and degreasing of strongly contaminated, greasy surfaces:

- VOC-free
- Biodegradable



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FLOOR PAINTS

Porous surfaces

Primers

1 layer
Polyfloor Primer



1 layer
Solfix or Cryltane DTS 20
diuted with 10% Thinner 1



1 layer
Aquafloor
diluted



1 layer
Monofloor PU 60



Top coats

2 layers
Durofloor



2 layers
Polyfloor



2 layers
Mixtane Roller (Texture)



2 layers
Mixtane Roller (Texture)



2 layers
Aquafloor



2 layers
Monofloor PU 60



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FLOOR PAINTS
Non-porous surfaces

Primers

1 layer
Solfix + 1,5 %
Silane Additif



1 layer
Cryltane DTS 20 + 1,5 %
Silane Additif



1 layer
Oxypaint SL Floor Primer + evt. additif + evt. anti-slip beads



1 layer
Monofloor PU 60



Top coats

2 layers
Durofloor



2 layers
Polyfloor



2 layers
Mixtane Roller (Texture)



2 layers
Durofloor



2 layers
Oxypaint SL Floor



2 layers
Monofloor PU 60



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FLOOR PAINTS
Self-levelling systems

Primer

1 layer
Durotane Primer Texture



Intermediate

1 layer
Durotane SH 60



Top coats

Polytop Satin



Oxypaint SL Floor



2 layers
Mixtane Roller (Texture)





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FLOOR PAINTS
Substrate preparation

Already painted surfaces:

If the adhesion of the current coat of paint is sufficient:

- Remove oil and grease with a detergent or suitable solvent
- If the surface has been cleaned with oily soap: clean carefully with soda
- Sand (ball) blast the surface
- Remove all loose particles and dust (preferably with a vacuum cleaner to ensure good adhesion of the paint to the substrate).
- Apply the primer as soon as possible to avoid the arrival of new loose particles and dust on the surface.

If the adhesion of the current coat of paint is not sufficient:

- Remove the current paint

If the surface contains cavities:

- Mix dry (ground) sand with **Polyfloor Primer**
  - Mix 6/1 sand/primer for large and deep cavities
  - Mix 4/1 sand/primer for smaller and shallow cavities
- Fill the cavities with the mixture
- Impregnate with **Polyfloor Primer**
- Sand until the surface is smooth again
- Apply the top coat



FLOOR PAINTS

Which industrial floor do I need?

	MECHANICAL LOADABILITY (1)	CHEMICAL LOADABILITY (2)	THERMAL LOADABILITY (3)	HACCP APPLICATIONS (4)	SAFETY (5)	UV-RESISTANCE	ODOUR
AQUAFLOOR	-	++	+	+++	++	+	+++
DUROFLOOR	++	++	+++	-	+++	++	+
MIXTANE ROLLER (TEXTURE)	++	++	+++	+++	+++	+++	+
MONOFLOOR PU 60	+	+	+	-	-	++	++
OXYPAINT SL FLOOR	+++	+++	+++	+++	+++	+	+++
POLYFLOOR	++	++	+++	-	+++	++	+
POLYTOP SATIN	+++	+++	+++	-	-	+++	+++



An industrial floor is just as strong as the substrate on which it is installed. That is why it is always advisable to have a thorough preliminary investigation carried out. In addition, it is very important that the work of installing the industrial floor is done by a well-trained and skilled applicator.

Would you like further information about industrial floors? Or receive more information? Contact a Libert technical commercial representative in your area.

Legend

+++ Very good
++ Good
+ Mediocre
- Not applicable

Type belastingen

(1) forklift traffic, car traffic/car tires, ...
(2) resistant to many chemicals
(3) high temperatures, large temperature differences, ...
(4) Applications: clean rooms, food industry, chemical industry, pharmaceutical industry, schools, hospitals, ...
(5) with anti-slip beads of 350 m or 500 to 1000 µm (see also table «Technical specifications)

The range of floor paints includes the following:

		TYPE	BASE	1 OR 2 COMP.	INSIDE OUTSIDE	COLOURS	GLOSS	ON WHICH SURFACES?	ON WHICH PLACES?	PROPERTIES	FINISHING	TOOLS	PACKAGING
PRIMERS	**AQUABOND**	EPOXY		2 comp.			LOW SATIN	Ferrous and non-ferrous metals	• Hospitals • Public buildings • Laboratories • Industrial kitchens • ...	• Excellent adhesion to various substrates • Good anti-corrosion properties • Very good elasticity • Good flow properties	• AQUAFLOOR		1L • 2,5L
PRIMERS	**CRYLTANE DTS 20**	PU		2 comp.			MATT	Ferrous and non-ferrous substrates, OSB panels, wood, MDF, plastics, minerale substrates	• Car parks • Warehouses • Marking • Lines • ...	• Excellent adhesion • Anti-corrosion properties • Increase the opacity of the finishing coat by using an already tinted primer	• DUROFLOOR • MIXTANE ROLLER		1L • 4L • 10L
PRIMERS	**DUROTANE PRIMER TEXTURE**	EPOXY		2 comp.		WHITE	GLOSS	Different surfaces	• Truck floors • Movable units and workshops • ...	• Good adhesion • Due to the presence of a texture grain in the paint, the intermediate adhesion with the finishing layer (screed floor top layer) is strengthened	• DUROTANE SH 60		3L
PRIMERS	**OXYPAINT SL FOOR PRIMER**	EPOXY		2 comp.		WHITE	GLOSS	Non-porous surfaces	• Car parks • Garages • Warehouses • Hospitals • ...	• Very good adhesion • Fast drying • Good flow properties	• OXYPAINT SL FLOOR		3L
PRIMERS	**POLYFLOOR PRIMER**	PU		1 comp.		COLOURLESS	GLOSS	Concrete, screed, concrete tiles, cement tiles	• Machinery • Lines • Demarcation zones • Checkered floor plates • Warehouses	• Excellent impregnation properties • Can be painted over with the next layer the same day	• DUROFLOOR • POLYFLOOR • MIXTANE ROLLER (TEXTURE)		5L
PRIMERS	**SOLFIX**	PU		2 comp.			MATT	Non-porous surfaces	• Machinery • Lines • Demarcation zones • Checkered floor plates • Warehouses	• Provides excellent adhesion to difficult substrates	• DUROFLOOR • POLYFLOOR • MIXTANE ROLLER (TEXTURE)		4L • 10L
INTERMEDIATE LAYER	**DUROTANE SH 60**	PU		2 comp.			GLOSS (60° - 80 Gn)	On Durotane Primer Texture	• Truck floors • Movable units and workshops	• Good scratch resistance • Excellent elasticity and flexibility • Fast drying	• MIXTANE ROLLER (TEXTURE) • POLYTOP SATIN • OXYPAINT SL FLOOR	squeegee for cast floor	25Kg

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		TYPE	BASE	1 OR 2 COMP.	INSIDE OUTSIDE	COLOURS	GLOSS	ON WHICH SUBSTRATE?	IN WHICH PLACES?	PROPERTIES	PRIMER	TOOLS	PACKAGING
TOP COATS	**AQUAFLOOR**	EPOXY		2 comp.			SATIN (60° - 40-50 Gn)	As a primer on various mineral surfaces	• Hospitals • Public buildings • Laboratories • Industrial kitchens • ...	• HACCP certificate • Good scratch resistance • Good resistance to chemicals	• AQUAFLOOR • AQUABOND		2,5L • 10L
	DUROFLOOR	PU		2 comp.			SATIN GLOSS (60° - 60 Gn)	-	• Car parks • Warehouses • Marking • Lines • ...	• High abrasion resistance • Good scratch resistance • High resistance to chemicals • Solid surface hardness	• POLYFLOOR PRIMER • CRYLTANE DTS 20		2,5L • 10L
	MIXTANE ROLLER (TEXTURE)	PU		2 comp.			(60°) HIGH GLOSS 90 Gn HIGH SATIN 85 Gn SATIN 70 Gn LOW SATIN 50 Gn	-	• Machinery • Lines • Demarcation zones • checkered floor plates • Warehouses	• HACCP certificate • Excellent UV and weather resistance • Very good scratch resistance • High elasticity and abrasion resistance • Chemical resistance	• POLYFLOOR PRIMER • SOLFIX • DUROTANE SH 60		1KG • 5KG
	MONOFLOOR PU 60	PU		1 comp.			SATIN GLOSS (60° - 60 Gn)	As a primer on various mineral surfaces and existing floor paints	• Small and large projects • No frequent traffic with forklifts	• Without primer • Fast drying • Good hardness • Good yellowing resistance	• MONOFLOOR PU 60		1L • 2,5L • 10L
	OXYPAINT SL FLOOR	EPOXY		2 comp.			SATIN GLOSS (60° - 60 Gn) NEW **MATT (*) (60° - 30-40 Gn)** (*) by adding rough beads	-	• Car parks • Garages • Warehouses • Hospitals • ...	• HACCP certificate • Excellent abrasion resistance • Resistance to plasticizers in car tires • Very good resistance to chemicals, water resistance, ...	• OXYPAINT SL FLOOR PRIMER		4L
	POLYFLOOR	PU		1 comp.		GREY & RED	GLOSS (60° - 80 Gn)	Concrete, screed, cement, cement and concrete tiles	• Warehouses	• High resistance to chemicals • Good scratch resistance • Easy to use	• POLYFLOOR PRIMER • SOLFIX • CRYLTANE DTS 20		0,75L • 5L
	POLYTOP SATIN	PU		2 comp.			SATIN (60° - 30 Gn)	Cast floors and self-leveling paint systems	• Truck floors • Movable units and workshops	• Abrasion Resistance • Good resistance to chemicals • UV resistance	• DUROTANE SH 60		5KG

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Technical specifications :

	POLYFLOOR PRIMER	CRYLTANE DTS 20	AQUABOND BRUSH/ SPRAY	SOLFIX	OXYPAINT SL FLOOR PRIMER	DUROTANE PRIMER TEXTURE	MONOFLOOR PU 60	DUROFLOOR	POLYFLOOR	MIXTANE ROLLER	MIXTANE ROLLER TEXTURE	AQUAFLOOR	OXYPAINT SL FLOOR	DUROTANE SH 60	POLYTOP SATIN
Anti-slip beads 350 µm *(in the paint)*	-	✓	✓	✓	✓	-	✓	-	✓	✓	-	✓	✓	-	-
	-	40-60 gr/L	40-60 gr/L	40-60 gr/L	40-60 gr/L	-	30-50 gr/L	-	40-60 gr/L	30-50 gr/Kg		40-60 gr/L	40-60 gr/L	-	-
500 tot 1000 µm *(strewn in)*	-	✓	-	✓	✓	-	-	-	✓	✓	-	-	✓	-	-
	-	gr/L	-	gr/L	gr/L	-	-	-	gr/L	gr/L	-	-	-	-	-
Recoatable after (at 20°C)	12 h	12 h	12 h	12 h	24 h	24 h	24 h	12 h (always sand between coats)	14 h	16 h	16 h	12 h	24 h	24 h	16 h
Drying times (at 20°C)															
- Dust free	½ - 1 h	30 min.	1 h	1,5 h	< 2 h	< 2 h	-	1,5 h	1-1,5 h	after 15 min.	after 15 min.	after 15 min.	< 2 h	after 2 h	after 4 h
- Tack-free	1 - 4 h	3 h	5 h	5 h	< 10 h	< 10 h	1 h	4 h	4-8 h	after 3 h	after 3 h	5 h	< 10 h	after 6 h	after 8 h
- Dry	12 h	12 h	8 h	10 h	20 h	20 h	5 h	12 h	12 h	after 12 h	after 12 h	11 h	24 h	24 h	24 h
Theoretical yield	± 2-6 m²/L	± 10 m²/L at 60 microns, ± 6 m²/L at 100 microns	± 11 m²/L	± 5 m²/kg	± 8 m²/L	± 7-10 m²/L	± 8-10 m²/L	± 6-8 m²/L	± 6-8 m²/L	± 8-10 m²/Kg	± 8-10 m²/Kg	± 8 m²/L	± 8-10 m²/L	0,64 m²/kg	± 10 m²/kg
VOC	< 571 g/L	< 370 g/L (not diluted)	< 100 g/L	< 420 g/L (not diluted)	0 g/L	0 g/L	<420 g/L	< 390 g/L	< 450 g/L	< 480 g/L	< 460 g/L	< 50 g/L	0 g/L	0 g/L	0 g/L
Recommanded layer tickness	20-40 microns	60 microns	60 microns	60 microns	60 microns	60-80 microns	60 microns	60-80 microns	60 microns	60 microns	60-80 microns	60 microns	60-80 microns	1 to 3 mm	60-80 microns
Solid content															
- In volume	34 (± 2)%	60 (± 2)%	45 (± 3)%	49 (± 2)%	100%	100%	50 (± 3)%	54 (± 3)%	50 (± 3)%	44 (± -2)%	47 (± 2)%	49 (± 3) %	100%	100%	100%
- In weight	40 (± 2)%	74 (± 2)%	58 (± 3)%	64 (± 2)%	100%	100%	62 (± 3)%	66 (± 3)%	68 (± 3)%	-	-	62 (± 3)%	100%	100%	100%
Density	0,950	1,4	1,3	1,290	1,49	1,42	1,05	1,15	1,38	1,15	1.10-1.20	1,33	1,49	A: 1,64 B: 1,18	1,46
Dilution	-	Thinner 1	Water	Thinner 1	-	-	Thinner 20	Thinner 1	Thinner 1	Thinner 1	Thinner 1	Water	No dilution	-	No dilution
Material cleaning	Solvatane	Solvatane Thinner 1	Water Thinner 73	Thinner 1	Thinner 60	Thinner 60	Thinner 20	Thinner 1	Thinner 1	Solvatane Thinner 1	-	-	Thinner 60	-	Solvatane

Attestations and certificates :

Product	*Tests*
Aquafloor	Food attest
Mixtane Roller	"
Oxypaint SL Floor	
Mixtane	UV resistance according to ASTM G53
Aquafloor	Abrasion resistance according to ASTM D4060
Durofloor	"
Mixtane	"
Polyfloor	"
	Chemical resistance
Aquafloor	"
Durofloor	"
Durotane SH 60	"
Mixtane Roller (Texture)	"
Monofloor PU 60	"
Oxypaint SL Floor	"
Polyfloor	"
Polytop Satin	"
Aquabond	Adhesion tests according to ASTM D3359
Cryltane DTS 20	"
Durotane Primer Texture	"
Oxypaint SL Floor Primer	"
Polyfloor Primer	"
Solfix	"

IBE-BVI

GROUP VAN VOOREN
Geo Measuring & Analysis

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Quality Labs
BIOMATERIAL TESTING



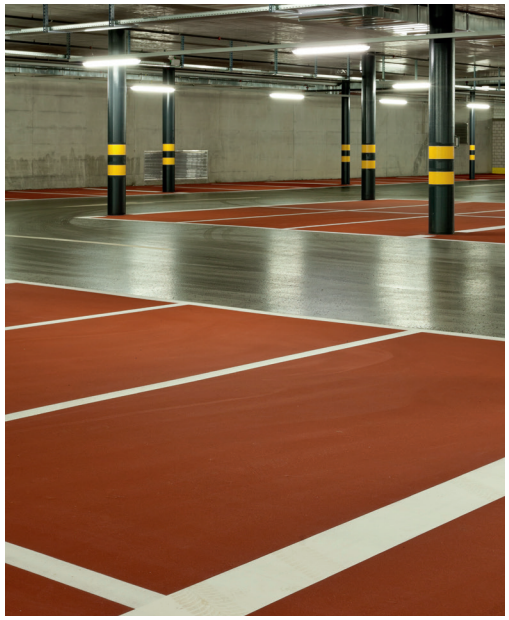
Libert Paints has a long tradition of intensive laboratory research. All our floor paints are developed in house and tested before being delivered to the customer.
Many tests are executed in house with our own measuring equipment.
Other tests are being executed externally like for instance at the WTCB, CORI, Unifap, Quality Labs, BVI ... In that way we constantly evaluate ourselves and we try to develop the ideal product for you. Detailed test reports are available on request.

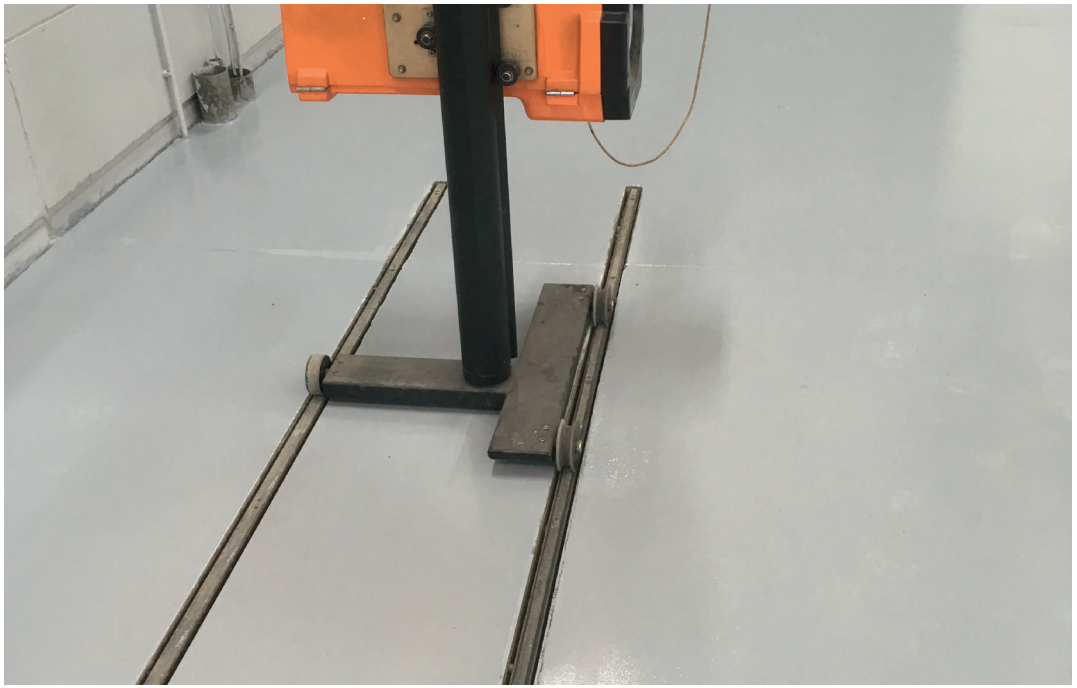
Thanks to our years of experience as a paint manufacturer and our very extended list of references, we recommend this high performance paint with confidence.

Ask for the specific certificate at info@libertpaints.com





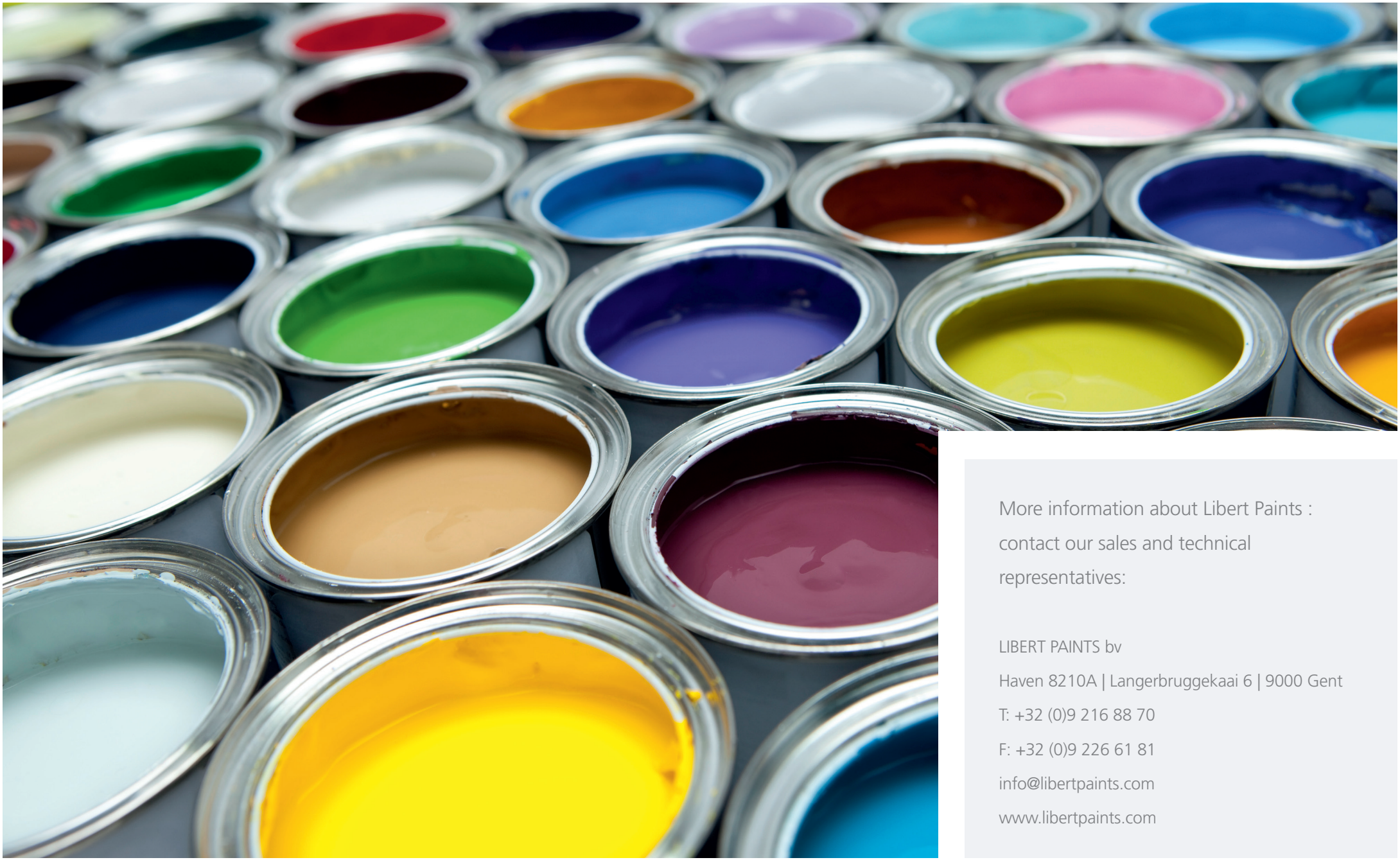






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More information about Libert Paints : contact our sales and technical representatives:

LIBERT PAINTS bv

Haven 8210A | Langerbruggekaai 6 | 9000 Gent

T: +32 (0)9 216 88 70

F: +32 (0)9 226 61 81

info@libertpaints.com

www.libertpaints.com

RNR 2 - 23.05.2022

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