



# Hygiene and HACCP solutions





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## What are hygiene solutions?

Paint applied in the healthcare or food sector requires a specific approach. Main fact is that these paints must have an antibacterial action. In laboratories, hospitals, rehabilitation centers, children's day care centers, canteens, kitchens, food procession companies all surfaces have to be continuously hygienic.

In environments where hygienic circumstances are important, bacteria are the biggest enemies. There are different ways to fight bacteria or at least to restrict the growth :

- Avoid presence of a breeding ground or make sure that there are no adhesion possibilities, for instance by using **Aquapox** or **Aquafloor**
- Prevent the growth of the bacteria colonization by using e.g. **Argion**
- Clean intensively and repeatedly with aggressive detergents or disinfectants, making the coating system highly chemical- and scratch resistant.



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# Hygiene and HACCP solutions

The hygiene and HACCP products of Libert Paints answer largely to the stringent hygiene legislation and the associated standards.

We follow the developments in legislation very closely and adjust our range where necessary.

**Our range includes 6 products :**

- Argion
- Saniguard Aquafloor
- Saniguard Aquapox
- Saniguard Oxypaint SL Floor
- Cryltane CF Finish
- Mixtane
- Cryltane DTS 20
- Cryltane DTS 40
- Cryltane DTS 60

These products provide a suitable coating for each substrate. In short, for places where a 100% pure environment is required.



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# Hygiene and HACCP solutions



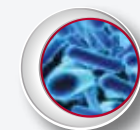
## Advantages :

- Approved for use in places where food is processed
- Easy to apply ! It can be applied with brush, roller or spray. The products are specifically developed for a good flow.
- Tintable in a wide range of colours
- The range contains water based, solvent free and solvent containing products.
- Good to very good product properties in terms of chemical resistance (against both cleaning products as disinfectants), colour stability and gloss retention.
- Good impact resistance for the floor paints. The abrasion and scratch resistance is very good.
- Has already proven its validity with many customers. Our HACCP solutions offer a long protection duration in many circumstances. Moreover, it is very easy to clean !

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# The hygiene range contains the following products :



Germ & Bacteria



## Saniguard Aquafloor

2,5L • 10L



**Aquafloor** is a two-pack water thinnable epoxy floor coating for inside applications such as hospitals, laboratories, catering facilities, workshops, dairy farms, showrooms and schools.

**Aquafloor** has the following properties :

- Can be used as primer on mineral surfaces
- Applicable in a HACCP environment (indirect food contact)
- Good scratch resistance
- Good chemical resistance
- Easy to clean

**Aquafloor** is approved for use in places where food is processed.

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# The hygiene range contains the following products :



## Saniguard Aquapox

2,5L • 10L



**Aquapox** is a two component water thinnable epoxy paint, used as finishing coat for indoor applications (for example walls and ceilings) on:

- Mineral substrates (concrete, brick, masonry, ...)
- Ferrous and non ferrous metals treated with Aquabond Brush/Spray as a primer.

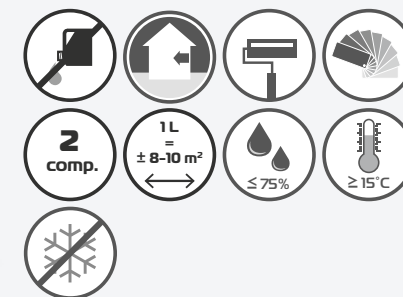
**Aquapox** has the following properties :

- High saponification
- Good elastic properties
- Bacteriostatic and fungistatic nature
- Good resistance to chemicals

**Aquapox** is approved for use in places where food is processed.

## Saniguard Oxypaint SL Floor

4L



**Oxypaint SL Floor** is a solvent free two component finishing coat based on epoxy binders which can be used for indoor industrial applications.

**Oxypaint SL Floor** has the following properties :

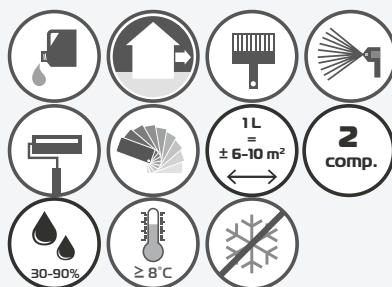
- Excellent abrasion resistance
- Adequate resistance to softeners used in car tires (black stripes)
- Very good resistance to chemicals
- Solid water resistance
- Applicable in an HACCP environment (indirect food contact)

# The hygiene range contains the following products :



## Cryltane CF Finish

4L



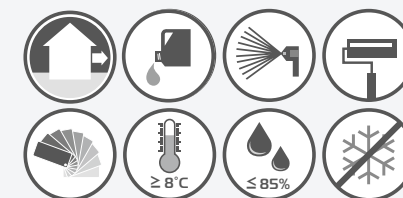
**Cryltane CF Finish** is a two component polyurethane paint for mineral surfaces that can be used for outdoor applications on concrete, brick, cement, masonry and so on.

**Cryltane CF Finish** has the following properties :

- High saponification- and chemical resistance
- Sufficient water vapor permeability
- Very low water penetration, even when it rains heavily
- Very low dirt adhesion: the coating can easily be cleaned under high pressure or steam cleaning

## Mixtane

1KG • 5KG



**Mixtane** is a two component high performance acrylic polyurethane and is used as a high quality finishing coat on machines, plastics and floors.

**Mixtane** has the following properties :

- Good light resistance, thermal stability, colour stability and chemical resistance
- Very good gloss retention
- Solid corrosion resistance
- Fast air drying or accelerated drying
- Hardness, elasticity and abrasion resistance assured

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# The hygiene range contains the following products :



## Cryltane DTS 20

1L • 4L • 10L



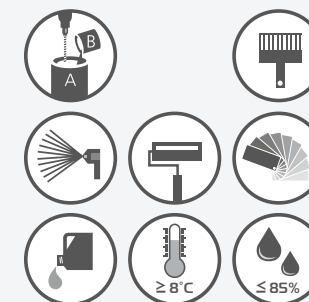
**Cryltane DTS 20** is a two-pack mat acrylic polyurethane paint with an excellent adhesion on steel, aluminium, galvanised surfaces, stainless steel, OSB plates, wood, MDF, OSB plates, a lot of plastics (hard PVC, ABS, polyester....) and mineral surfaces (walls, floors).

**Cryltane DTS 20** is used as primer and finishing coat in one. It is a good anticorrosion primer based on zinc phosphate. It is weather and chemically resistant. The cured paint film is characterized by a high hardness combined with elasticity.

**Cryltane DTS 20** can also be applied by spray as spatter finish on machines, office machinery, and lab equipment. Surface defects can easily be masked when using this technique.

## Cryltane DTS 40

1L • 4L • 10L



**Cryltane DTS 40** is a two-pack low satin acrylic polyurethane paint with an excellent adhesion on steel, aluminium, galvanised surfaces, stainless steel and many plastics.

**Cryltane DTS 40** is used as primer and finishing coat at the same time. It is a good anticorrosion primer based on zinc phosphate. It is weather and chemically resistant. The cured paint film is characterized by a high hardness combined with elasticity.

**Cryltane DTS 40** can be applied by spray as spattered finish.

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## The hygiene range contains the following products :

### Cryltane DTS 60

1L • 4L • 10L



**Cryltane DTS 60** is a semi-gloss two-pack acrylic polyurethane paint with an excellent adhesion on steel, aluminium, galvanised surfaces, stainless steel and many plastics.

**Cryltane DTS 60** is used as primer and finishing coat at the same time. It is a good anticorrosion primer based on zinc phosphate. It is weather and chemically resistant. The cured paint film is characterized by a high hardness combined with elasticity.

**Cryltane DTS 60** can be applied by spray as spatter finish.

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## Our technical specifications summarized :



Libert Paints has a long tradition of intensive laboratory research. All our HACCP products 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.

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 **Libert**  
building paints

## Our technical specifications summarized :



	Argion	Aquapox	Aquafloor	Cryltane CF Finish	Oxypaint SL Floor	Mixtane	Cryltane DTS 20	Cryltane DTS 40	Cryltane DTS 60
<b>Base</b>	Water	Water	Water	Solvent	Solvent free	Solvent	Solvent	Solvent	Solvent
<b>Gloss Gardner 60°</b>	2	40	60	60	60	60-90	20 (± 5)	40 (± 10)	60 (± 10)
<b>Density</b>	1,56 kg/L	1,35 kg/L	1,33 kg/L	1,35 kg/L	1,49 kg/L	1,15 kg/L	1.40 ± 0.05 g/ml	1.35 ± 0.05 g/ml	1.33 ± 0.05 g/ml
<b>Potlife</b> (at	-	2,5 h	2 h	6 h	40 mins	6 h	± 5 h	± 6 h	± 6 h
<b>Solids content</b>									
• In volume	47 ± 2%	50 ± 3%	49 ± 3%	58 ± 3%	100	44 ± 2%	60 ± 2%	60 ± 2%	62 ± 2%
• In weight	64 ± 2%	63 ± 3%	62 ± 3%	-	100	-	74 ± 2%	75 ± 2%	74 ± 2%
<b>VOC</b> (not diluted)	< 30 g/L	< 50 g/L	< 50 g/L	380 g/L	0 g/L	480 g/L	< 370 g/L	< 377 g/L	< 355 g/L
<b>Drying times</b> (at 20°C)									
• Dust dry	30 mins	4 h	-	30 mins	< 2 h	na 15 mins	30 mins	40 mins	40 mins
• Tack free	-	6 h	5 h	2 à 3 h	< 10 h	na 3 h	3 h	5 h	4 h
• Dry	2 h	10 h	11 h	24 h	24 h	na 12 h	12 h	14 h	12 h
<b>Recoatable after</b> (at 20°C)	5 h	11 h	16 h	16 h	24 h	16 h	16-24 h	16-24 h	16-24 h

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## Our technical specifications summarized :



	Argion	Aquapox	Aquafloor	Cryltane CF Finish	Oxypaint SL Floor	Mixtane	Cryltane DTS 20	Cryltane DTS 40	Cryltane DTS 60
<b>Recommended layer thickness <math>\mu\text{m}</math></b>	40-50	60-80	60-80	50	60	60	60	60	60
<b>Gloss and colour stability</b>	Interior	Interior	Interior	Very good	Good	Excellent	Good	Very good	Very good
<b>Lavability</b>	Good	Very good	Very good	-	Excellent	Excellent	-	-	-
<b>Theoretical yield</b> (60 $\mu\text{m}$ dry)	8 m <sup>2</sup> /L	8 m <sup>2</sup> /L	$\pm$ 8 m <sup>2</sup> /L	6-10 m <sup>2</sup> /L	8-10 m <sup>2</sup> /L	8-10 m <sup>2</sup> /kg	10 m <sup>2</sup> /L	10 m <sup>2</sup> /L	10 m <sup>2</sup> /L
<b>Food certificate</b>	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Bacteriostatic properties</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

For a more detailed overview, please do not hesitate to ask our technical data sheets or test reports.

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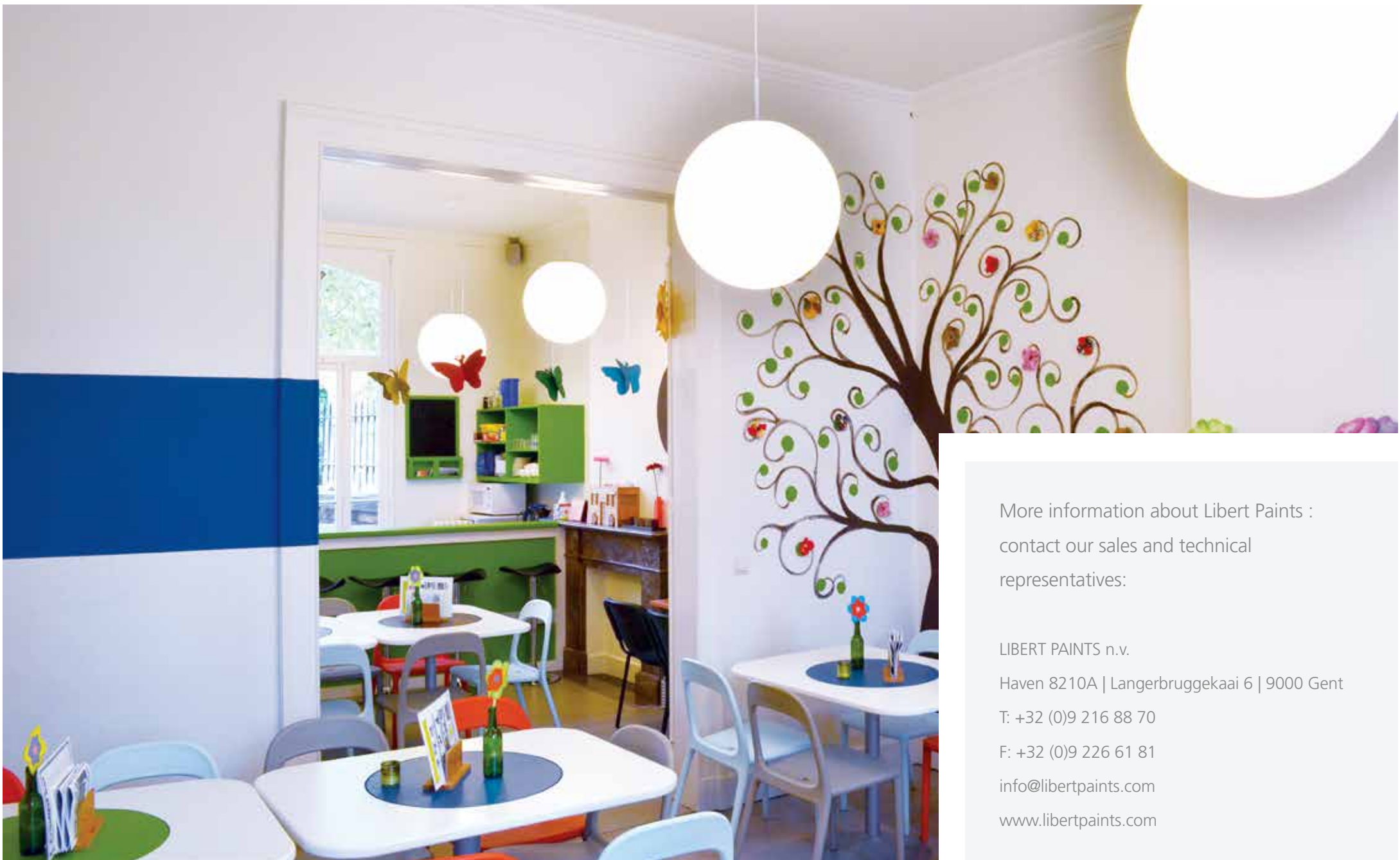
## Application areas :

- Food processing companies and dairy companies
- Restaurants and commercial kitchens
- Hospitals and medical offices
- Medical and pharmaceutical enterprises and laboratories
- Day care centers for children and schools
- Service flats, retirement homes and nursing homes
- Showrooms
- Storage facilities
- Crowded public areas



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