[redacted]

A POLYMER MODIFIED MORTAR BASED ON A HYDRAULIC BINDER

KEY BENEFIT SUMMARY

- Smooth, matt, monolith surface in different colours
- Very high mechanical resistance (strength, impact, shock, abrasion)
- Suitable for high pressure steam cleaning and running hot water service conditions
- High natural slip resistance, even in wet and greasy conditions
- Non-toxic, solvent free, non-flammable
- May be applied to damp and wet substrates
- An efficient and cost effective system for the upgrading of existing concrete floors
- Meets EU Directives for Food Processing Establishments
- Excellent worldwide history of durability in service of over 45 years

PRODUCT INFORMATION

Description

Monile® is a predosed three component polymer modified hydraulic mortar, comprising of;
(i) [redacted] Liquid:
a polyacrylate copolymer dispersion
(ii) [redacted] Composite:
a modified and pigmented hydraulic binder
(iii) Specially graded quartz filler.

Usage

[redacted] is especially suitable for the Food Industry where the floor is continuously flooded with water: breweries, slaughterhouses, canning plants, ... and for the Mechanical Industry where high mechanical resistance is demanded.
Due to its very high mechanical resistance characteristics, Monile® is also an economic and efficient system for the upgrading of existing concrete floors.

Packaging

1 unit of [redacted] adhesion layer contains:
- 1 jerrycan (23 l) [redacted] Liquid
- 6 bags (21 kg) [redacted] Composite

1 unit of Monile® mortar contains:
- 1 jerrycan (23 l) [redacted] Liquid
- 6 bags (21 kg) [redacted] Composite
- 6 x 25 kg specially graded quartz 1/4 Arzano
- 2 x 25 kg specially graded quartz 0/1 Arzano

TECHNICAL INFORMATION

Compressive strength:	> 70 N/mm²	NBN B12-208
Tensile strength:	> 7 N/mm²	ASTM C-190
Flexural strength:	> 20 N/mm²	ASTM C-293
Abrasion resistance (Böhme test):	4,6 cm³ / 50 cm²	DIN 52108
Thermal expansion coefficient	1.10^{-6} mm	ASTM D-698
Service temperature range:	-60°C to 120°C	

Chemical resistance

See Chemical Resistance Table of [redacted].

AVAILABLE INDEPENDENT TESTS AND APPROVALS

[redacted]

USAGE GUIDELINES

Surface preparation

The concrete substrate must be free from dust, oil and fats. It is also necessary to roughen the surface mechanically in order to obtain a good adhesion.
Before starting the application, the prepared surface must be soaked with water.

System build-up

See available System Build-up Sheets.

[redacted]

One unit consists of:

Adhesion layer

For concrete and screeds (for 100 m²)

[redacted] Liquid	1 x 23 liter	± 100 m²
+		
[redacted] Composite	6 x 21 kg	

Wearing layer

On top of the adhesion layer (for 10 m²–thickness 10 mm)

[redacted] Liquid	1 x 23 liter	± 10 m²
+		
[redacted] Composite	6 x 21 kg	
+		
Quartz 1/4 Arzano	6 x 25 kg	
+		
Quartz 0/1 Arzano	2 x 25 kg	

Mixing & Application

See [redacted] Installation Manual.

Cleaning

Clean tools with water immediately after application.

STORAGE

Store in cool, dry areas, not below + 5°C, in closed packaging away from direct sunlight. Maximum storage temperature is 40°C.

SHELF LIFE

[redacted] Liquid:
In unopened packaging: 1 year when storage conditions are respected.

[redacted] Composite:
In unopened packaging: 6 months.

HEALTH AND SAFETY PRECAUTIONS

Product- and Safety Data Sheets must be read and understood.

TECHNICAL SERVICE

[redacted]

GUARANTEE

[redacted] warrant all goods to be free from defects and will replace materials proven to be defective but make no warranty as to appearance of colour. The information and recommendations herein are believed by [redacted] to be accurate and reliable.

CE CERTIFICATION

CE

07

EN 13813

[redacted]

Reaction to Fire: B_{FL} – s1 [redacted]

Wear resistance: AR 0.5