



## *Bolideck Systems*

# *cover your imagination*

Cruise ships are a fantasy world of their own. Like modern cities fitted with luxurious comforts, they float on the world's most beautiful oceans. Nowadays there seems to be no limits to the improvements in comfort, space, luxury, quality and appearance in the line of shipbuilding. A basic and important part of that fantastic environment on board are certainly the indoor and outdoor decks. Deck systems are becoming more and more important in the design, as they have been recognised as strongly contributing to the special atmosphere the designer wishes to achieve.

### *Technique and aesthetics*

In view of this development, Bolidt Synthetic Products & Systems has created and further refined a new concept in deck coverings, enabling architects and designers to realize their thoughts and ideas in almost any possible way: BOLIDECK SYSTEMS. The Bolideck Systems combine the ultimate in technique and aesthetics. The technique derives from the knowledge of synthetics built up over the years and the aesthetic appearance is shown by the colourful materials used in the systems.

## Bolideck Cruise Systems



*The Bolidt Synthetic Deck Covering Systems are poured in-situ. Most systems are walkable the next day. This quick installation enables Bolidt to install large areas in a short time, proper working conditions provided. The various colours and broadcasting materials allow today's creativity to be used in almost any pattern and design. The attractive appearance of the liquid applied synthetic systems give the finishing touch to the interior as well as to the exterior decoration of any cruise ship. Below the properties of the well-known Bolideck Systems are explained to you, whereas the photos you see in this Bolidtin speak for themselves.*

### **Bolideck 1500**

Bolideck 1500 is seamless, liquid applied, resilient surfacing material. It has flexible properties which absorb small movements in the substrate without cracking or breaking. Moreover, Bolideck 1500 has a good resistance to acids lubricants, lyes, (sea)water, etc. Its surface is non-slip due to broadcasted granules. Suitable for sun decks, embarkation decks. Due to its good impact sound absorption properties it is often used as deckcovering above the cabins. It is also installed on i.e. balconies, jogging deck, swimming pool decks.

### **Bolideck 2000**

Bolideck 2000 is a flexible, light-weight, teak-like planking system. It is highly suitable for flooring demanding a finished surface of high quality with excellent thermal and sound insulating properties and with excellent resistance to temperature extremes. Decorative deckfinish on outdoor deck areas like promenade decks, sun- and sportsdecks.

### **Bolideck 2002**

Bolideck 2002 is a seamless applied, decorative floor finishing, combining highest quality polyurethane resins with specially selected types of decorative granules. This enables the designer or architect to vary with patterns and colours almost endlessly. This qualitatively optimal floor can be used without problems in places of the highest demands in respect of resistance to shock, wear and/or chemicals. Specially suitable for design floors.

### **Boliscreed 400**

PASSENGER /NAVY VESSELS AND FERRIES

The Boliscreed 400 is a light-weight, waterimpermeable, flexible levelling screed for steel, wooden and cementitious substrates that withstands vibration and deflection without breaking or cracking. Boliscreed 400 has especially been developed to level uneven surfaces and can be finished with synthetic deckcoverings, vinyl, carpet, tiles etc.



## ***Bolideck Select***

Bolideck Select is a state-of-the-art seamless, liquid applied, decorative floor finish. It contains flexible properties absorbing the small movements of the substrate without cracking. Since there is a big demand from the market for a lightweight, easy to clean/maintain product this system has been developed.

The Bolideck Select comes in a hard and soft finish. Therefore we distinguish:

1. Bolideck Select Soft
2. Bolideck Select Hard

The Bolideck Soft has better sound attenuation properties and is therefore recommended in areas where there are specific sound requirements. In case very strong sound requirements are requested the Bolideck Select S.I. is recommended. This specially developed system is especially installed in areas above cabins.



## ***Bolideck Select Teak Effect***

This system has the same properties and characteristics as the Bolideck Select, but is installed with a teak-like finish.

## ***Bolidt Swimming Pool System***

This is a flexible, seamlessly applied system on the inside of the swimming pools. Its flexible characteristics make that the system can follow the movements of the substrate without cracking. Moreover, this system can be installed in both a plain colour as well as with an "endless" design.

Continuous research forms the basis of the success of the Bolideck Systems. This research is not confined to our own laboratory but also takes place in the field by our own application crews. Bolidt is world-wide recognised as an all-round company for the production and application of synthetic ship decks. All under one roof, so to speak! And it does not stop with the installation of our Bolideck systems. Also our maintenance program is of a high standard. Proper and consequent maintenance of the Bolideck system means lengthening the lifetime of the applied system. By training the crew of the cruise ship cleaning becomes a daily or weekly habit. And by using the right cleaning materials the Bolideck systems can be maintained very easily, also by own cruise maintenance services. In this way the Bolideck systems are a cost effective choice.





**Bolideck systems have following properties:**

- aesthetical appearance by use of sophisticated materials
- sound-insulating
- light weight
- sound- and shockabsorbing
- anti-slip
- flexible
- smooth
- easy to maintain
- waterimpermeable
- poured seamless in-situ
- state-of-the-art design by architects
- weather and UV-resistant
- durable
- anti-corrosive
- fire-retardent
- fast application, walkable after 24 hours

## **References**

*To give you a brief overview here are some major cruise lines who have been using our deck covering systems to their great satisfaction over the years.*

- Holland America Line/Westours Inc.
- Carnival Cruise Lines
- Norwegian Cruise Line
- Royal Caribbean Cruise Line
- P&O Cruises
- Celebrity Cruises
- Festival Cruises
- Renaissance Cruises
- Kuwait Livestock Transport and Trading Co.
- Vroon International Livestock B.V.
- P&O Nedlloyd B.V.
- Vrolijk's Visserij Maatschappij B.V.
- W. van der Zwan & Zn.
- Parlevliet & Van der Plas B.V.
- Rooney Shipping and Trading Pt.
- Star Cruises



## **Maintenance Contract**

Synthetic decking systems have a long life-time. However, like any other system the deck coverings have to be maintained in order to lengthen their life span both aesthetically and technically. The first step of maintenance is cleaning the surfaces in the proper way. Recent developments and innovations in both cleaning equipment and detergents have made this job easier. Another part of the maintenance is patch repairs of possible mechanical damages. The crew can do this job by themselves after being trained by Bolidt technicians. If own maintenance service is not feasible or if the customers desires so, Bolidt can put up a Maintenance Contract. The final objective of the maintenance program is to keep the decks in the required condition, both technically and aesthetically through a program of regular maintenance, cleaning procedures, instructions and a phased renewal of the deck covering. Moreover, by entering into a maintenance contract the operation/maintenance cost will be better controllable and reduced. In order to be even more efficient Bolidt has opened a branch office in Miami, Bolidt Cruise Control

## **Branch office Miami**

As the major part of the cruise ships is sailing from Florida into the Caribbean, Bolidt has opened a Miami branch office, Bolidt Cruise Control. This office is responsible for the execution of the activities as stipulated in the maintenance contracts (see item maintenance contract, page 4). By means of this Miami branch office and Bolidt, the Netherlands, an overall efficient service can be offered to both cruise lines and yards on a world-wide basis. You can find the BCC address at the bottom of this Bolidtin.



*Not only the Bolidt deck covering systems form part of our wide range of products, also other systems are used on passenger ships, cattle carriers, carferries, navy vessels, submarines, etc.*



## **Bolidt Galley deck**

This system is specially developed for the galleys. The Bolidt Galley Deck is a seamlessly applied system broadcast with aggregates ensuring the right anti-slip on the one hand and easy maintenance on the other. Moreover the special composition of the system makes it both technically and aesthetically very suitable for galleys.

## **Bolidt Helideck**

### CRUISE VESSELS / MARINE VESSELS

This system is specially developed for the Helicopter Deck. This seamlessly installed system is a flexible system broadcast with specially selected aggregates.

Due to this combination we are able to supply and install a system which is both technically and aesthetically very suitable as a helicopter deck.

## **Bolideck 525**

### NAVY VESSELS AND SUBMARINES

Bolideck 525 is a seamlessly applied, skid resistant, sound- and shock-absorbing deckcovering system, for normal and heavy traffic areas. It is installed on top of a specially developed levelling screed, the Boliscreed 400. By means of this levelling layer the system is flexible enough to follow the movements of the steel without cracking. The system comes in a smooth surface and can be delivered in approx. 70 colours.





## **Bolideck ET/NG**

LIVESTOCK CARRIERS

Bolidt Synthetic Floor ET/NG is a polymer based liquid trowel applied system, specially selected for carrying cattle. The system is finished with selected granules to provide a good non-slip and strong base for cattle to stand on.

## **World-wide experience**

*For almost 40 years now Bolidt Synthetic Products & Systems, with its headoffice in Hendrik-Ido-Ambacht, has built up a world-wide reputation in the cruise shipbuilding industry. The high technical standard of the synthetic products, developed in their own laboratory, gives Bolidt an important advantage compared to other competitors. The high level of knowledge is kept up by exploring and extending the areas of material know-how and application methods. Every project means a further refinement of our capacities without losing sight of customer's desires. Projects have been executed in Europe, Middle and Far East and the USA.*

## **The ultimate combination of technique and aesthetics**



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## **Bolideck ET/SL**

LIVESTOCK CARRIERS

This is a polymer based liquid applied deck finish, broadcast with non-slip aggregates to provide a good non-slip base for sheep. This system is less thick, and therefore lighter, than ET/NG and broadcast with special quartzes.

## **Bolidt Coating ET**

Bolidt Coating ET is a polymer based coating system, which is being used to coat the kicking plates and shipsides for livestock transport vessels.

## **Bolideck A60 (SI)**

This system is a fire-insulating lightweight floating floor. It provides total fire insulation (A60) on top of the steel/aluminium deck, thus avoiding the requirement for insulation materials underneath the steel deck. The system has an excellent compression strength, perfect wear and tear resistance and is completely impermeable to water. The Bolideck A60 / SI combines the fire insulation (A60) with optimum sound insulation (SI) by use of mineral wool.

