

Marine certified toilet cubicles.
For the modern marine equipment.

schäfer
Trennwandsysteme



Toilet cubicles type EF-3 Marine



Foto: MSC Cruises

The first marine certified toilet cubicle system! The Schäfer toilet cubicle system EF-3 is the first ever marine certified system. The EF-3 system will guarantee you a product, that is in accordance with all official requirements and fulfill the high standard requested for marine products. The high quality, extraordinary design and the large numbers of opportunities that the different variations of the EF-3 cubicle system offer you, will give your public toilet area a complete individual and extraordinary style.



MARINE DIVISION

Certificate number: 22716/A1 EC
File number: ACI 1300/233/001
Annex A1 Item number: A.1/3.18a
USCG Module B number:
164.112 / EC0062

This certificate is not valid when presented without the full attached schedule comprised of 7 sections
www.veristar.com

Notified Body 0062 - MARINE EQUIPMENT DIRECTIVE 96/98/EC

EC TYPE EXAMINATION CERTIFICATE

as per Module B of European Union Council Directive 96/98/EC on marine equipment
as amended by Commission Directive 2009/26/EC

This certificate is issued to

Schaefer Trennwandsysteme GmbH
Horhausen - GERMANY

for the type of product

**SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD
CHARACTERISTICS: DECORATIVE VENEERS**
Toilet partition type EF-3 Marine

Requirements:

SOLAS 74 convention as amended, Regulations II-2/3, II-2/5, II-2/6, II-2/9, X/3
IMO Resolution MSC.57(73) - (2000 HSC Code) 7, IMO Resolution MSC.91(67) FTP Code
IMO MSC/Circ.916, IMO MSC/Circ.1004, IMO MSC/Circ.1036, IMO MSC/Circ.1120
ISO 1716 (2002).

This certificate is issued under the French Maritime Authority to attest that BUREAU VERITAS did undertake the relevant type procedures for the product identified above which was found to comply with the relevant requirements of the Council Directive 96/98/EC as amended.

This certificate will expire on: 10 Jun 2015

For BUREAU VERITAS Notified Body 0062,

At BV HAMBURG, on 19 Oct 2010,

Udo Storm

U. Storm



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products concerned by this type. To this end, the production-control phase module (D, E or F) of Annex B of the Directive is to be completed with and controlled inspection agreement with a notified body.
The certificate remains valid until the date stated above, unless cancelled or revised, provided the conditions indicated in the subsequent paragraph are met and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) shall be re-approved prior to them being placed on board vessels to which the amended regulations or standards apply. BUREAU VERITAS is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. It is issued within the scope of the General Conditions of BUREAU VERITAS Marine Division available on the internet site www.veristar.com. Any Parties to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the issuance of this document, and in connection with any activities for which it may provide.

So schön kann Trennung sein.



DECLARATION OF CONFORMITY

as per Module D of the European Union Council Marine Equipment Directive (MED)
96/98 EC, as amended by the Commission Directive 98/85 EC

We hereby certify that the sets of equipment specified below have been manufactured and tested as required by the provisions of the Directive 96/98 CE on Marine Equipment and are in accordance with the Regulations, Codes or Standards stated on the CE Type Approval Certificate (EC Type Examination Certificate - Module B).

N° 22716/A1 EC dated 10.06.2010 valid until 10.06.2015

issued by Bureau Veritas Germany, Veritaskai 1, 21079 Hamburg, notified for the purpose of the Directive under number 0062

This Declaration of Conformity is issued within the scope of the Works

Approval N° SMS.MED.D/81660/A.O

which authorizes the Manufacturer to affix the CE marine mark and the Notified Body number to the related equipment.

Project Number:

Purchaser:

Product:

Toilet partitions type EF-3 Marine

Marking:

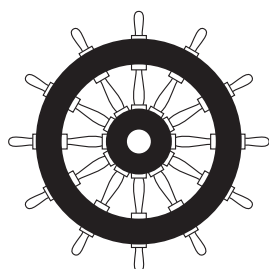


A technical documentation is available under the manufacturers address.

Horhausen, 21.08.2011

Signed in behalf of the manufacturer,

Martin Schäfer
Martin Schäfer, General Manager



The EC Type examination certificate, issued by Bureau Veritas, will guarantee the correct material purchasing and manufacturing process. Regular audits, to control these processes will be carried out internally and also from external experts. All steps and components within the process are monitored by qualified staff.



(1)

Very special! The maximum of exclusivity and individuality can be achieved by designing the surface in accordance with your requirements, thus turning your sanitary area into a unique showpiece. Here we do not shy away from unusual solutions but regard them as an exciting and challenging opportunity.

The toilet cubicles system EF-3 consists of 36 mm thick sandwich panels with 3 mm thick solid grade laminate panels on both sides and an internal aluminum frame. The inside filling of the elements is done completely by aluminium honeycomb. That achieves an extremely stable and robust construction. The door rebate is also done by the interior aluminum frame and in combination with a rubber profile guarantees a silent close the door. Through the use of concealed hinge (only for type 1) an absolutely flush construction will be formed. All profiles are anodized in natural color (E6/EV1), the complete system is absolutely waterproof and certified for the use in shipping and marine areas.

(1) Cubicle system EF-3 type 1 with stainless steel handle. The best opportunity for ships. The door will be closed by self-closing hinges. The lock with bolt and latch will avoid moving doors.

(2) The cubicle system EF-3 JUMP impresses with its floating look. The recessed feet and the recessed headrail in combination with the wall connections as shadow gap, form a unique appearance. All parts are corrosion protected, so that the entire construction is waterproof. Not far from the standard, and yet a highly exclusive product.

(3) Cubicle system EF-3 type 1, same as EF-3 JUMP, but here with enclosing wall connection profiles (optional shadow gap), and fully height adjustable stainless steel legs in front of the cubicles.

(4) Aluminium vertical hinge with high-performance polymer inserts. These inserts ensures that no maintenance is required and that doors can be shut quietly. There will be no wear and tear and the doors will still operate perfectly even after many years of use. These hinges are to be used if the doors opens for more than 110°. (outward opening doors, EF-3 Jump, EF-3 PremiumLine).



(2)



(3)



(4)



(1)

Very special! The maximum of exclusivity and individuality can be achieved by designing the surface in accordance with your requirements, thus turning your sanitary area into a unique showpiece. Here we do not shy away from unusual solutions but regard them as an exciting and challenging opportunity.

(1) Full height corner system with covered floor, ceiling and wall connectors and a print specified by the customer. The print is applied during the production of the SGL panels and is covered with a protective overlay, making the surface easy to clean and durable. The choice of images knows no bounds.

(2) To achieve a unifying look in the sanitary area, matching wall coverings and other furnishings are of course also available.

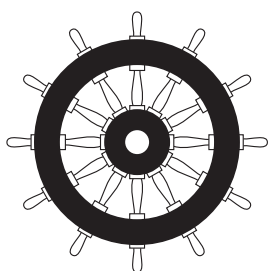
(3) A handsome male back can be a delightful sight. This can really catch your eye and not just in the ladies' room.



(2)



(3)



Stylish and elegant partitioning!

schäfer
Trennwandsysteme

Schäfer Trennwandsysteme: On the way with 4stars⁺ The perfect design, the high quality and the marine certification gives our customers a wide range of opportunities to create a unique sanitary area. Here, we show only a few examples of our work over the last years.



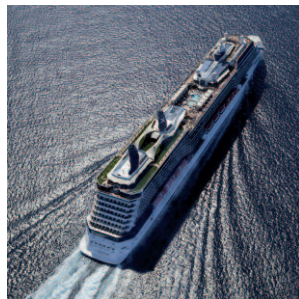
Normandie
Operated by: Brittany Ferries



Celebrity Equinox
Operated by: Celebrity Cruises



Celebrity Silhouette
Operated by: Celebrity Cruises



Celebrity Solstice
Operated by: Celebrity Cruises



MSC Musica
Operated by: MSC Cruises



MSC Orchestra
Operated by: MSC Cruises



MSC Poesia
Operated by: MSC Cruises



MSC Splendida
Operated by: MSC Cruises



Norwegian Epic
Operated by: NCL Norwegian
Cruise Line