



APPROVED IN ACCORDANCE WITH IMO
RESOLUTION MSC.307(88)-2010 FTP CODE
FIRE CLASS A-0 / A-15 / A-30 / A-60

PLASEAL NF-23

FIRE-TIGHT SEALING FOR CABLE TRANSIT
IN BULKHEAD AND DECK OF SHIPS

NITTO CHEMICAL INDUSTRY CO.,LTD.



Nitto Chemical Industry Co., Ltd. is a specialized sealing compound maker which has been producing the best products and pursuing the best quality for about a half century.

We always value "hospitality" and continually develop our products to meet the expectation of every user, so they have been widely used in various fields such as on land, off shore and under the ground.

We firmly believe that newly developed sealing products, which comply with 2010 FTP Code, will satisfy customer demand so well and will be accepted as global standard.

FEATURES

1 PLASEAL NF-23 is the highest level of fire-tight compound for ships.

PLASEAL NF-23 passed IMO Resolution MSC.307(88)-2010 FTP Code for A-class cable transits.

2 It is very easy to construct with PLASEAL NF-23.

PLASEAL NF-23 is an one component type of sealing compound.

You need ONLY itself to construct, so this product makes construction easy.

3 PLASEAL NF-23 has comparatively low specific gravity.

Specific gravity of PLASEAL NF-23 is approx. 0.8, so with this product you can reduce ship body weight and save the cost of energy.

4 PLASEAL NF-23 will shorten working hours.

One cable can contact with other cables when you construct with PLASEAL NF-23, which means that every cable can be arranged freely, so PLASEAL NF-23 makes working hours shorter.

5 PLASEAL NF-23 is free from hazardous materials.

The main component of PLASEAL NF-23 is safe inorganic material, so this product does not contain any hazardous materials.

SPECIFICATION

ITEM	SPECIFICATION	METHOD
Appearance	Ivory	Observation
Specific gravity	0.8	Convert weight in water
Hardness	120	ISO 2137
Thermal conductivity	0.35 W/m•K	ISO 8894-1
High temperature test	Not recognized cracks, wrinkles, and changes of color	IEC 60945 (70°C×72h)
Low temperature test	Not recognized cracks, wrinkles, and changes of color	IEC 60945 (-30°C×72h)
Vibration test	Drops/Cracks of PLASEAL NF-23 was NOT observed	IEC60068-2-6
Fire test	Passed	IMO Resolution MSC.307 (88) -2010 FTP code A-0/A-15/A-30/A-60 class BULKHEAD and DECK

*The above inspection data describes representative values, not standardized.

TYPE OF PACKING

● 16kg (400g×40Packs) / Case

NOTE

- Avoid using PLASEAL NF-23 outdoors and in a place where water splashes directly.
Cover the surface of PLASEAL NF-23 with coating material (NAICOAT SB-61 etc.) or water proof sealing material at high humidity area. (If it is exposed under high humidity for a long time, this might cause dripping and Seeping from the surface.)
- PLASEAL NF-23 is a sealing compound that has a type of hardening.
- The warranty period for PLASEAL NF-23 is 6 months after production and this is period is valid if products remain sealed and stored at room temperature avoiding direct sunlight.
- As for construction of conditions, please make sure to confirm the conditions certified by the classification of each ships.
- Please consult the manual of PLASEAL NF-23 so well before using this product, in case you might have some troubles about construction.

[TREATMENT OF THE ABOVE MENTIONED CONTENTS]

These descriptions on this leaflet are based on the available date and the current information,so they might be revised by the new expertise in the future. This product has been developed on the assumption that it should be used under a general condition, so in case of using this product under a special condition, please take appropriate actions as occasion may demand. The above mentioned content is something that helps you improve understanding about construction, and that is not for any kinds of warranty.

CONSTRUCTION EXAMPLE



PRODUCT PACKAGE





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