BELZONA CORRECTS HATCH SEALS

ID: 1030

Industry:	*Marine*	**Customer Location:**	*Ship Dockyard, Bulgaria*
Application:	*SHM-Solids Handling Machinery*	**Application Date:**	*July, 2007*
Substrate:	*Rubber*		
Products:	** Belzona® 2211 (MP High-Build Elastomer) ,*		

Problem

Five new sets of seals supplied were short in length and therefore did not fit the hatches correctly.

Photograph Descriptions

* The three pieces altogether to give the correct length for each seal ,
* Application of Belzona® 2211 on the joints kept together with metal templates and clamps ,
* The assembly after application ,
* Mounting of the repaired seal to the cargo hatches ,

Application Situation

New rubber seals for cargo ships hatch covers.

Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet SHM-3. Each rubber seal was cut at angle of 45 degree and between two parts the additional piece to correct the lenght was inserted. For better joint strength additional rubber strips were cut and bonded inside of the hatch seal pieces. All pieces were assembled and kept together by help of metal templates and clamps until complete cure of the applied Belzona® 2211.

Belzona Facts

Belzona solution allowed the customer to save both time and additional expense for new rubber seals delivery. Alternative repair by hot vulcanization required special equipment and would be time consuming. Belzona provided a quick effective repair without heat and using available equipment. Delivery of new rubber seals would cost at least $5,000 while Belzona repair was $700 and avoided

costly delays in dock.