METSAN ENDÜSTRİYEL YAPIŞTIRICILAR TİCARET A.Ş.
İstanbul/Türkiye

Date: 07/02/2024

EMS Dubell F.2111 Pure Epoxy Chemical Anchor – installation and application in contact with sea water

To whom it may concern,

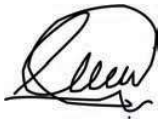
EMS Dubell F.2111 Pure Epoxy Chemical Anchor is suitable for the installation and application in contact with sea water if the following cleaning and installation procedures are applied.

- The drill hole needs to be cleaned very accurately. This means it needs to be rinsed out very accurately four times, followed by brushing four times, and finally rinsing out four times.
- F.2111 Chemical Anchor has to be filled from the bottom of the hole. Thus, the water inside the hole is pushed out from the hole.
- The anchor rod can be inserted normally.
- The anchor rod should be maintained in its position until the mortar hardens. For wet anchor bases the curing time should be doubled. The hardening time depends on the temperature of the water.
- The anchor rod must be made of stainless or highly corrosion-resistant steel.
- After hardening, F.2111 Chemical Anchor has 70% of its performance under normal dry conditions.

Please note that this application is not covered by any approval but is a manufacturer's recommendation.

Kind regards

METSAN ENDÜSTRİYEL YAPIŞTIRICILAR TİC. A.Ş.
Research and Development Department



Mr. Ebubekir ÇABUK

METSAN ENDÜSTRİYEL YAPIŞTIRICILAR TİCARET A.Ş.
İstanbul/Türkiye

Date: 07/02/2024

Confirmation for EMS Dubell F.2111 Pure Epoxy Chemical Anchor

To whom it may concern,

We hereby certify that the injection mortar **EMS Dubell F.2111 Pure Epoxy Chemical Anchor** is resistant against sulphate (in concrete and in water) contact with the fully cured mortar.

Kind regards

METSAN ENDÜSTRİYEL YAPIŞTIRICILAR TİC. A.Ş.
Research and Development Department

Mr. Ebubekir ÇABUK

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