Argamassa Armada in Salvador de Bahia _Elements 1 : 1

UE ENAC from ENAC IA ALICE in collaboration with ENAC IA IIC BETON_2016
João Filgueiras Lima, Lele (1932 - 2014)
Oscar Niemeyer (1907 - 2012)
Part with holder for ropes tying, Salvador 1989
Study for future hospitals of Sarah Chain built with reinforcer mortar, 1988
Transitory School, pillars with an external cross-section of 15 x 15 cm with 1.5 x 4 cm slots in each face.
Recuperation of the historical Center, Assembly - FAEC Salvador, BA 1988, with Lina Bo Bardi
Section of the steps made in the factory with the extent of 1.25 m
Shed, Day Nurseries, Salvador de Bahia, 1987
Assembly of the infirmaries solarium, Hospital, Fortaleza, 1991
Joseph Monier, Paris (1823 - 1906), First patent for Iron + Cement in 1867
Félix Candela Outerino, Madrid, (1910-1997)
Escuela Superior de Arquitectura de Madrid, graduated in 1935

> approx. 1867 + 100
Reinforced Concrete (steel-reinforcement)

> 2000 a.c = 1867 + 133
Corrosion process:

1. **Before Corrosion**
2. **Built-up of Corrosion Products**
3. **Further Corrosion, Surface Crack, Stains, Eventual Spalling**
4. **Corroded Bar Exposed**
Concrete Cover min. 2.5-5.5 cm

> 2015 a.c. = 1867 + 148
Fiber Reinforced Concrete (Eternit), 1903
Test, i- beton EPFL
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