

PENETRON®

INTEGRAL CAPILLARY CONCRETE WATERPROOFING SYSTEMS

CONCRETE MIX DESIGN WITH 340 kg CEMENT PER CUBIC METER

MIX DESIGN: RCK 30 – S4
Exposition Class: XF 3 Consistence S4
Designed Air Content: 4%
CEMENT: 340 Kg (type CEM II 42,5 R-AL)
W/C ratio = 0,50
Sand: 902 Kg. . (mesh size mm. 0/4)
Fine Gravel: 451 Kg. (mesh size mm. 6/14)
Gravel : 526 Kg. (mesh size mm. 12,5/31,5)
Superplasticisers: BV 13: 2,7 Kg
Air entraining Agent: 0,14 Kg
Penetron Admix: 3,5 Kg



TEST RESULTS

Made by:

CISMONDI s.l.r.

SAMPLE 1: 49,5 Mpa (28day); Density: 2.292 kg/m³
Water-Impregnation UNI EN 12390-8: 7mm

SAMPLE 2: 51,7 Mpa (28day); Density: 2.370 kg/m³
Water-Impregnation UNI EN 12390-8: 5mm

SAMPLE 3: 48,18 Mpa (28day); Density: 2.290 kg/m³
Water-Impregnation UNI EN 12390-8: 7mm

T O T A L C O N C R E T E P R O T E C T I O N