



**MATERIAL TABLE**

**TUNNEL LINING CONCRETE**

- Type C2
- Water/cement ratio 0.230
- Exposure class related to environmental conditions: XE2
- Exposure class related to environmental conditions: XE2
- Cement Type CEM III/V
- Ø max aggregate = 16 mm
- Ø max aggregate = 20 mm

**TUNNEL CORE CONCRETE**

- Type C1
- Water/cement ratio 0.230
- Minimum shrinkage Comp. S4/S5
- Exposure class related to environmental conditions: XE2
- Cement Type CEM III/V
- Ø max aggregate = 16 mm
- Ø max aggregate = 20 mm

**REINFORCING STEEL**

- B40C controlled by establishment
- Medium

**LEAN CONCRETE**

- Type 1
- Type 1.5
- Cement Type CEM I/V

**LEGEND**

RP = REFERENCE PLANE  
 EX = EXCAVATIONS PLANE  
 PC = CENTERS PLANE

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