



GRANUMLUX
Granite Selection

Properties of materials

Granite Light Yellow Corvaceira (Pardo) #2

Macroscopic Description	Granite of two micas, light grey colour, homogeny, compact, relatively healthy with a small foliation.	
Resistance mechanics to the compression	1897 kg/cm ²	186 MPa
Waited minium value	1847 kg/cm ²	181 MPa
Resistance mechanics to the compression after gelivity test	1856 kg/cm ²	182 MPa
Waited minium value	1772 kg/cm ²	174 MPa
Flexural Strength	129 kg/cm ²	12,6 MPa
Waited minium value	119 kg/cm ²	11,6 MPa
Resistance mechanics to the flexion after gelivity test	126 kg/cm ²	12,4 MPa
Waited minium value	114 kg/cm ²	11,1 MPa
Water absorption at normal atmospheric pressure	0,4%	
Resistance to the Capon consuming	19,5 mm	
Resistance to the landslide	61USRV	
Resistance to the aging through thermal shock	No performance determined	
Petrography study	Granite of two micas, medium grain, light grey colour, homogeny, compact, relatively, healthy with a small foliation, defined by the tendency for one orientation sub parallel of the micas. The quartz is grey, transparent anf forms rounded grain and aggregates that, usually have 2mm, but, sometimes can have until 4 to 5 mm. The feldspars are white or light yellow and forms long crystais and aggregates that, usually, have 4 to 5 mm but, sometimes, can have until 10mmx5mm. The biotitic has black colour rand long forms that, usually have 2mm to 3 mm, but can have until 5mm. The muscovile forms separated silver crystals that usually don't have more than 2mm to 3mm.	
Resistance to Ice	No performance determined	