

## **SPECIFICATION TEXT ROSE DE LA CLARTÉ**

### **1. Description**

Predominantly pink granite, evenly speckled, with a medium- to coarse-grained structure. Local concentrations of black minerals may appear. This granite carries the Geographical Indication (GI) “Granit de Bretagne”.

**Origin :** France, Perros-Guirec (Brittany). This granite carries the Geographical Indication (GI) “Granit de Bretagne”.

### **2. Technical specifications of the granite**

Type of natural stone – petrography (EN 12407 – EN 12670): Igneous rock – MONZOGRANITE / SYENOGANITE type.

- Average bulk density (EN 1936)  $\geq 2610 \text{ kg/m}^3$
- Average porosity (EN 1936)  $\leq 0.7\%$
- Average flexural strength (EN 12372)  $\geq 11 \text{ MPa}$
- Minimum expected flexural strength (EN 12372)  $\geq 10 \text{ MPa}$
- Average compressive strength (EN 1926)  $> 190 \text{ MPa}$
- Minimum expected compressive strength (EN 12372)  $> 175 \text{ MPa}$
- Average abrasion resistance with metallic disk (EN 14157)  $< 17.5 \text{ mm}$
- Maximum expected abrasion with metallic disk (EN 14157)  $< 18.5 \text{ mm}$
- Frost resistance (EN 12371)  $\geq 240$  cycles

### **3. Possible surface finishes**

flamed – shot-blasted – polished – honed – ground

### **4. Possible products**

- Slabs (according to EN 1341) – sawn edges
- Slabs (according to EN 1341) – split edges
- Setts (according to EN 1342) – sawn edges
- Setts (according to EN 1342) – split edges
- Straight kerbs (according to EN 1343)
- Curved kerbs (according to EN 1343)
- Solid elements (benches, ornamental pieces, ...)

### **5. Additional documents available**

- EPD blocks
- EPD slabs (EN1341)
- EPD setts (EN1342)
- EPD kerbs (EN1343)