

Évora, 20 - 21 de outubro/octubre de 2017

Certificação de Produtos em Pedra Natural: A marca StonePT

StonePT: More than a brand, the reliability of excellence in dimension stones from Portugal

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StonePT – Portuguese Stone Brand objective is to certify the Natural Stone product, so that StonePT companies can technically communicate their products, with customers and prescribers, being easily identified through its BRAND, its Identity – **StonePT**.

The StonePT brand is supported by a certification system, aiming at the international recognition of Portuguese natural stone construction products, not only for its physical and mechanical characteristics, but also for the Portuguese transformer knowledge. This certification system, based on technical specifications and harmonized European standards for construction products using natural stone, aims at fulfilling a market gap with regard to guarantee of origin and quality assurance associated with the processing and, not least, the suitability of using each type of stone for different applications.



StonePT consists of a signature that distinguishes the Portuguese Stone from all Products of the competition, using independent and credible stamps and certificates – internationally – for the recognition of Portuguese Stone as a contemporary quality product.

What does it mean to be **StonePT**? It represents a national value. Or better still, it represents national values. This is why we have captured the Portuguese soul to show what it means to be the hallmark of the Portuguese ornamental stone.

The Portuguese Stone Brand presents itself with an international communication strategy, inspired by Portugal. Allusive to the slogan “We offer the Best (from Portugal to the World)”, which is a declaration of Portuguese singularity, values and Portuguese raw material. **Fado, football, sea and wine**, ambassadors of the Portuguese name on the planet, meet the most varied types of national ornamental stones for a true celebration of what is Portuguese.

StonePT® - Technical Garantie

The certificate is voluntarily requested by companies that must demonstrate to accomplish the requirements based in the following scope:

- Guarantee of origin for Portuguese stone products
- Product Quality requirements
- Quality assurance associated to the transformation processes
- Service Quality
- Time of Delivery;
- Complaint management
- Stones adequacy of use
- Stone material traceability

Our Certifications



Product certification is an instrument for producers to demonstrate, in an impartial and credible manner, the quality, reliability and performance of their products, as well as:

Certified – The StonePT mark of certification intends to fulfil an existent void in natural stone market in what concerns the extraction locations and quality assurance associated to the transformation processes and, not less important, to the adequacy of use that each type of stone has for different applications, particularly those employed in the construction sector.

The companies certified with StonePT demonstrate to accomplish the requirements based in three main pillars: origin of stone, skills to transform and control the final product, and knowledge related to the adequacy of use for each type of stone in each application (requirements for the end-user).



Verified – The environmental protection is a concern of any organization. The political discussions surrounding the subject and the consecutive increase in legislation imply a selection of suppliers that must have environmental awareness.

The **StonePT Verified** certification is the evidence concerning the social responsibility of the company in respect to general environmental concerns, from residues, water effluents to the impact of improving measurements in the surrounding environment. This environmental certification is completely addressed towards the extractive and transformation industry dealing with natural stone.

The **StonePT Verified** mark is granted to the companies that fulfil a system that commits with environmental requirements, properly adjusted to the activity leading to the transaction of Portuguese natural stone products showing also StonePT certification.

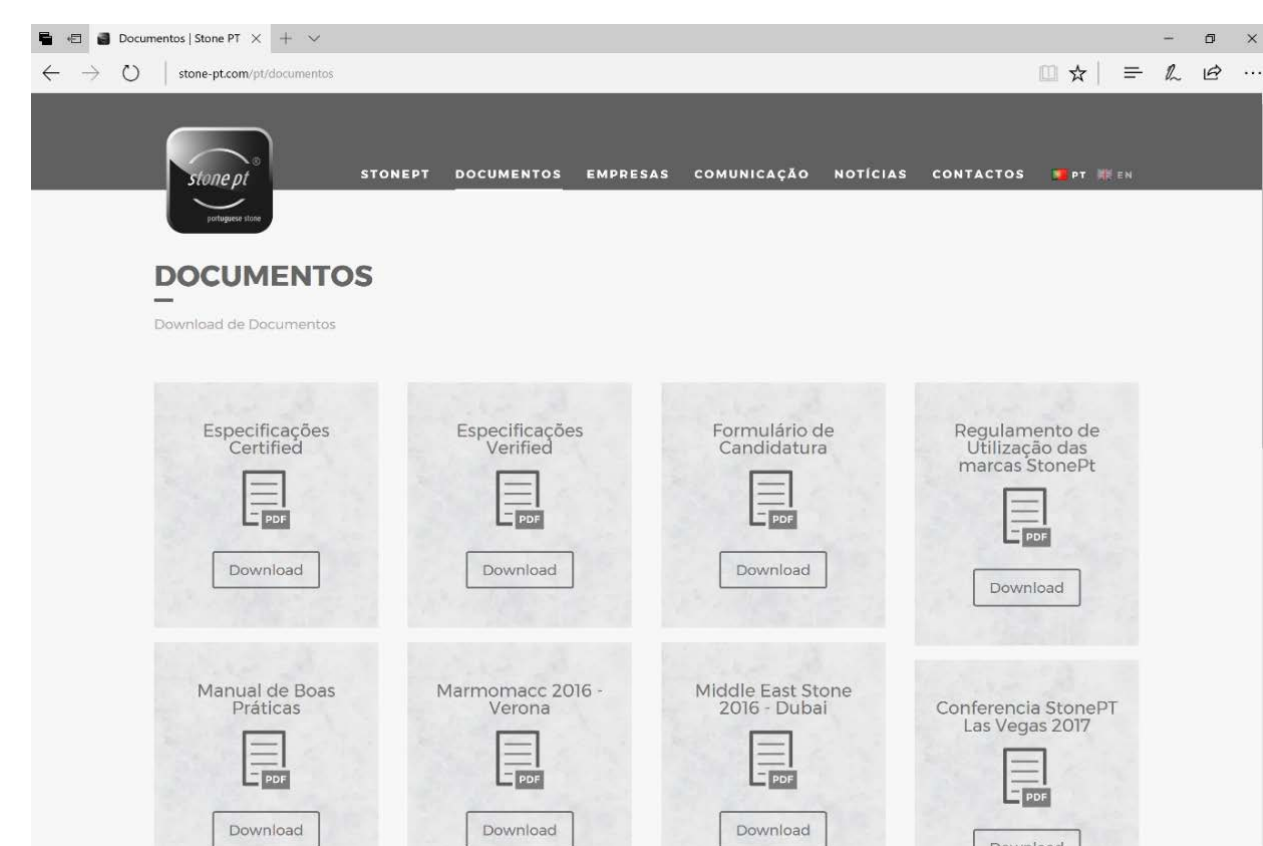


DOC – It is the **CONTROL OF ORIGIN** of Natural Stone

It is assigned through the classification defined for each type of stone (the original raw material) that will be equivalent / tracked to those established through national or international institutions at the nomenclature level, and is Granted to the quarry upon proof by the producer of the place of extraction, in particular at the level of geographical location and petrographic characterization. It has the advantage of accompanying the product, allowing manufacturing companies to acquire raw block while maintaining this distinctive Brand.

Our reliable Companies are listed in the directory:

<http://stone-pt.com/en/documents/>



Stone Products Suitability Criteria – Special Products – Examples



Property	Reference Standard	Criteria
Flexural Strength (MPa)	EN 12372 or EN 13161	*G > 10,5; *M > 7,5; *L > 7,0 ; *S (*amga) > 50,0 (*pmiga) > 63,0
Frost Resistance (through flexural strength)	EN 12372 or EN 13161	<ul style="list-style-type: none"> Poorly frost areas (< 2 days/year with temp lower than -5°C): ≥ 12 cycles; Moderately frost areas (between 3-10 days/year with temp between -5°C -10°C): ≥ 24 cycles; Highly frost areas (>10 days/year with temp lower than -10°C): ≥ 48 cycles – only for exterior applications
Apparent density (Kg.m ⁻³)/Open porosity(%)	EN 1936	G > 2560; M > 2600; L > 2300; S > 2700/G < 1; M < 3; L < 9; S < 3
Water absorption at atmospheric pressure (%)	EN 13755	G < 0,4; M < 0,2; L < 3; S < 0,6

*G = Granite, *M = Marble; *L = Limestone; *S = Slate; *amga = along mineral grain alignment; *pmiga = perpendicularly to mineral grain alignment.

Examples:

- ✓ The movement of water through stones porous structure is considered as very useful for predicting stone behaviour and suitability;
- ✓ Open porosity and the pore system are the main factors controlling water uptake and its transport inside the stone;
- ✓ Mechanical properties can also be critical in non-structural applications (cladding/exterior facades, modular tiles for pavements).

Advantages of using STONEPT brand by the companies

1. Increases customer acceptance of products;
2. Makes the difference compared to competitors;
3. Increases competitiveness by reducing the costs of non-quality;
4. Reinforces the image of the company;
5. Facilitates access to new markets;
6. Allows to demonstrate compliance with regulatory requirements.

Achievements (until now...)



StonePT DOC
18 quarries were certified with this StonePT subsystem



StonePT Certified
implemented in 20 pilot companies, covering 52 types of stone



StonePT Verified
Was assigned to 6 companies, which demonstrated compliance with the environmental requirements set out in the environmental product verification specifications.

If you want to do something to last long, just do it in stone!

