

TECHNOLOGICAL CHARACTERIZATION OF DIMENSION ROCKS IN CEARA STATE

1VIDAL, F.W.H., 2BESSA, M.F. and LIMA,M. 1CETEM - Centro de Tecnologia Mineral, Rio de Janeiro,Brasil; 2 NUTEC - Fundação Núcleo de Tecnologia Industrial, Fortaleza, Brasil

The technological characterization of the rocks used as coating stones must be performed at the mineral research stage, and at this stage a previous knowledge of the type of application of the final products is important. Due to the importance of the technological properties in the choice and correct use of these materials it is presented in this paper a study of the properties of greater importance for the use of dimension stones including: density, porosity, water absorption, uniaxial compressive strength, flexural strength and impact strength. This study focus mainly the dimension stones of Ceara State which were analysed of about seventy (70) different types of materials and compare the values obtained with ASTM C 615 Standard and the proposed for FRAZÃO & FARJALAT (1995)[1].