

ADVANTAGES OF TECHNICAL ASSESSMENTS FOR NEW PRODUCTS - CASE STUDY FOR COMPOSITE FIBERGLASS AND POLYESTER RESIN FITTINGS USED IN THE CONSTRUCTION FIELD

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Rezumat. *Utilizarea și comercializarea produselor utilizate în construcții este reglementată și legiferată atât în România cât și pe piața europeană. Agrementul Tehnic național (AT) – parte a sistemului calității în construcții - este documentul care stă la baza introducerii pe piața românească a produselor, procedeele și echipamentelor.*

Abstract. *The use and marketing of products used in construction is regulated both in Romania and on the European market. The National Technical Assessment (AT) - part of the quality system in construction - is the document underlying the introduction of products, processes and equipment on the Romanian market.*

Keywords: Fiber Reinforced Polymer (FRP), long lasting, corrosion resistant, electromagnetically non-conductive

1. Introduction

The manufacturers or distributors of a new construction product, need to know what are the steps to introduce on the market their products in accordance with the rules and regulations for the construction materials market.

The use and marketing of construction products is regulated both in Romania and on the European market.

In Romania, Law 10/1995 for Quality in Construction *), republished, stipulates the obligations of all parties involved in the design, verification, execution and acceptance stages of construction projects, establishing the quality system in constructions and aiming at the realization and maintenance over the entire life of constructions of fundamental performances set out by technical regulations. Construction products without a Constancy Performance Certificate and a Declaration of Performance are forbidden for usage in any construction projects.

2. Overall view on the quality management system of new construction products

Construction Products Regulation (EU) No 305/2011 laying down harmonized conditions for the marketing of construction products sets the requirements for the marketing of products as well as the certification or assessment process for issuing
