

PAVIMENTAZIONI URBANE DI PIETRA: COME CONNETTERE DUREVOLMENTE MATERIA E TRADIZIONE TENENDO CONTO DELLE ESIGENZE DELLA MODERNITÀ? IL CASO VIRTUOSO DI PIAZZA DEL MERCATO A SPOLETO (PG).

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ABSTRACT

Places and city roads in the very heart of historical towns play a multiple role: crossroads of people, they often led the town development and with paving colors, materials and textures they strongly contribute to making the deep identity of a town.

That's why it is so important to safely maintain their stone paving. Nowadays road stone paving shall fulfill very serious and heavy requirements due not only to weather, but also to more and more increasing traffic loads, wear and maintenance procedures.

We correctly pay a great attention to the stone selection, but what about the technical characteristics of the rest of the stratigraphy beneath the stone paving layer? As an answer, the recently published standard UNI 11714-1:2018 Stone coverings Instructions for the design, installation and maintenance, with the durability requirement as the main issue, introduces a technical approach to the selection of the stratigraphic package according either to the end use (i.e. load class) and the kind of stone paving to be installed. In case of heavy traffic, according to the standard, pre-mixed mortars are to be chosen instead of loose bedding and grouting.

Many months before the publication of the standard, the project prepared by Spoleto Municipality and managed by V.U.S. SpA for the urban renovation of Piazza del Mercato at Spoleto, shared and approved by the Office for the Protection of Architectural and Historic Heritages, proposed the same technical solution for the stone paving dating back to the beginning of XX century to be refurbished.

Key-words: stone paving, road stone paving, load class, stratigraphy, bedding, grouting, pre-mixed mortars, Spoleto