عنوان فارسی مقاله:
بررسی آزمایش آزمایشگاهی وین بر روی ملات ها

عنوان انگلیسی مقاله:
Study of the laboratory Vane test on mortars
4. Conclusions

Based upon this study, it can be concluded that:

- the Vane test method is an important tool in studying rheological properties in freshly applied mortar. It is able to define clear conditions in the applying of this material;
- the method can help to interpret results in other traditional methods, common in assessing mortars, for example, the flow table that provides a result that is hardly representative of the workability condition;
- differences in results for yield stress (Vane test) and the cone penetration test are not highly marked as is the case with the flow table and this can indicate that both parameters have a strong correlation;
- an isolated evaluation of both parameters (cone penetration test and/or yield stress—Vane test) is still inadequate to define workability since only one rheological parameter is being assessed (yield stress) and there is still the need to study viscosity.