



Table synthesis of the European working groups dealing with sandwich panels

Legend : ■ product ■ fire ■ environment ■ general

Ref standard	topics	Situation	Comment
EN 14509	CE marking of the sandwich panels (double metal skin).	Not published at the JOUE => comments of the Commission on : - ANNEX ZA - CWFT - + additional unknown so far.	At the last preparatory group of the Standing Committee held the October 8 th 2007, many comments of the Commission on the EN 14509 were looked at. A corrigendum was prepared on these comments. But the Commission explained that new comments appeared (without more precisions). A new meeting was planned to treat these comments for middle of October. But Mr Klein cancelled it... An eventual meeting can be planned at the beginning of the coming new year.
PrEN 10346	Test and classification of the metallic coating.	Objective : Merge of EN 10326 and EN 10327. New draft exists. Is in enquiry until November 2007.	Future new standard reference for the metallic coated steel sheets.
PrEN XXX	Tests and classification of the organic coating.	Objective : Merge of EN 10169-1-2-3. European enquiry finished – We are waiting for the results -	Future new standard. reference for the organic coated steel sheets. New denomination of the organic coated steel sheets- more simple for the producer who does not know whether the coil coating is for an inside or an outside application.
No ref	Reaction to Fire – -Revision of the SBI- - Interpretation of the SBI results.	Work not finished. Analysis of new interpretation of the Figra, use of the Mare.	Normally no major impact on the test results. Can influence the future SBI classification. Impact unknown so far.
EN 14390	Reaction to fire for surface products.	Introduction will come of this standard into the classification standard 13501-1.	Although concerns the surface products, some organizations try to extend the field of application to the sandwich panels. =>this standard can give alternative results of the SBI (classification A to F only) with possible worse reaction to fire results (concentration of the fire energy due to the ceiling).

Ref standard	topics	Situation	Comment
No ref	Fire – Smouldering effect -	TG6 of the TC127 WG4. New test in preparation.	Concerns sandwich panels and can eliminate some type or composition of insulations. A CWFT approach will be necessary to limit the number of tests-.
EXAP 15254-5 -	- Resistance to fire of sandwich panels – Extended application for claddings and partitions.	Enquiry of the TC127 WG1 resistance to fire.	The fire laboratories against the extended applications about the equivalence of resistance to fire performance for panels laid vertically or horizontally. The TC127 WG1 is also against the resistance to fire extended application about the same topics in the EN 14509.
EXAP XXX	- Resistance to fire –Draft EXAP for ceiling	Works of the WG finished Enquiry inside the TC127 WG1 will come on the eve.	Should probably be also taking into account in the future EN 14509.
Rev EN 1364-1	- Resistance to fire- test specimen for vertical wall -		Should probably be also in the EN 14509 rev.
Insurance	Works of Factory Mutual	It is studying an eventual correlation between the SBI and the Factory Mutual tests.	Interesting for the producers due to the reference effect of this insurance company.
Draft answer of the TC128 doc	Environment -Enquiry of the TC 351- dangerous substances until the end of October.	On the basis of the indicative list of dangerous substances, the TC 351 made a diagnosis of the situation: - determination of the substances that might be released by sandwich panels - the existing methods to measure COV, formaldehydes - the existing method to measure leaching.	Strategic for the future (3 to 5 years). It will be necessary to measure the dangerous substances that might be released by sandwich panels. Those elements will probably be included inside the CE marking. These substances could be then limited by law in the different European countries.
Revision of the CPD	General frame for the CE marking in the future.	Draft inside studied by the services of the commission.	- possible regulation - applicable in 5 years ?