

New / Nouveau
2013

Nidaplast® 8 FR

Fire Retardant / *Ame retardant Feu*



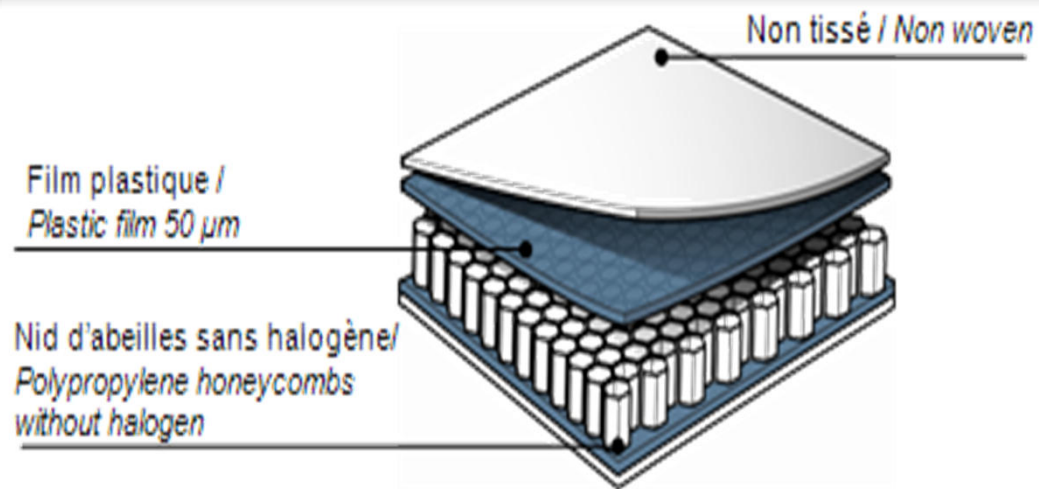
NIDAPLAST - Rue Paul Vaillant Couturier - F - 59224 THIANT - France - Tél.: +33 (0)3 27 44 72 00 - Fax.: +33 (0)3 27 44 88 05 - composites@nidaplast.com - www.nidaplast.com - S.A.S. au capital de 1 061 998 €
R.C. VALENCIENNES 971 204 474 - NAF : 2223 Z

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nidaplast
composites

New / Nouveau
2013

Product / Produit



- **Polypropylene honeycombs core with an additional approved material **without halogen** / Âme nid d'abeille Polypropylène pourvu d'une matière agréée **sans halogène****
- **Mechanical characteristics of standard nidaplast®8 maintained / Caractéristiques mécaniques du nidaplast®8 conservées**

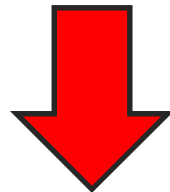


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2013

**Test Flame application /
Test application flamme**

Test Condition / Condition d'essai:

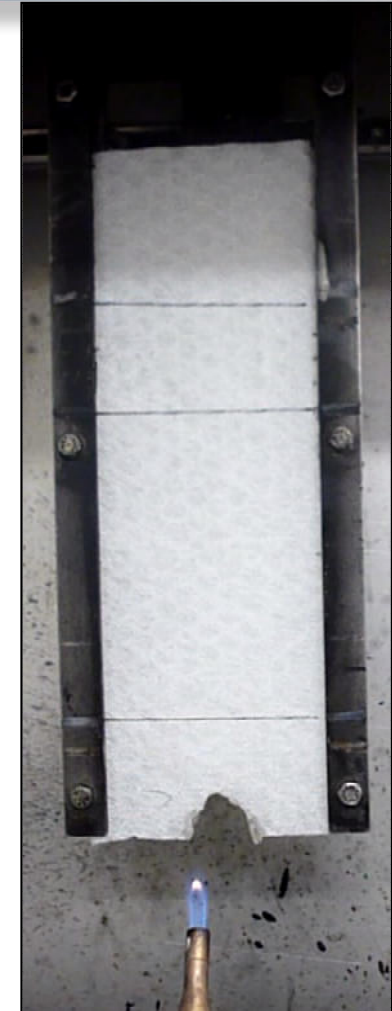
→ 15 s test product border / 15 s en bord d'éprouvette



**The nidaplast® 8FR limits the
fire propagation /
*Le Nidaplast® 8FR réduit la
propagation de flamme***



**Standard
Product**

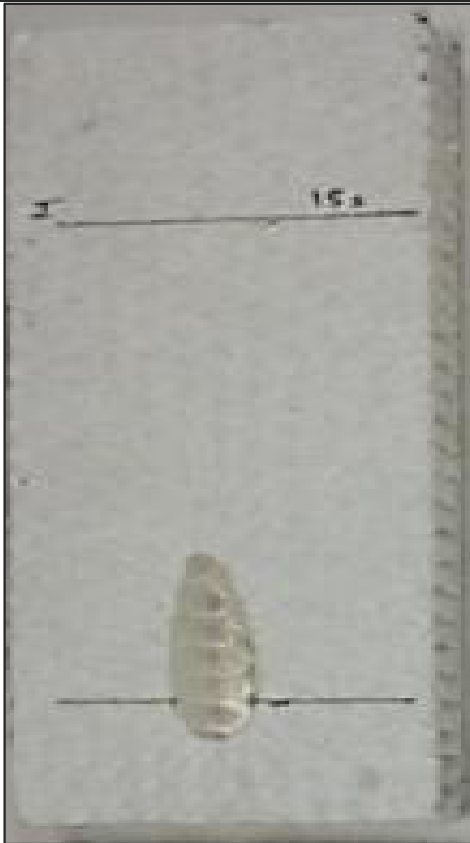


**Fire retardant
product**



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**Test Flame application /
Test application flamme**

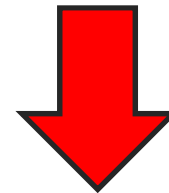


Flame during 15s / *Flamme
appliquée pendant 15s*



Flame during 30s / *Flamme
appliquée pendant 30s*

**Nidaplast® 8 FR =
No flame propagation / *Pas
de propagation de flamme***

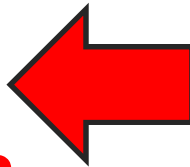


Euroclasses - E

New / Nouveau
2013

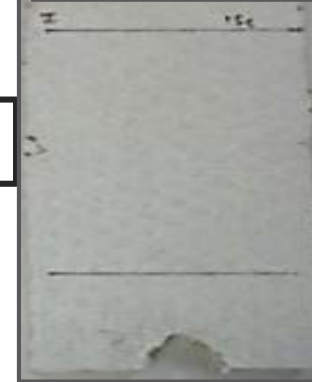
Test Flame application /
Test application flamme

Ranking /
Classement
DIN 4102 - **B2**

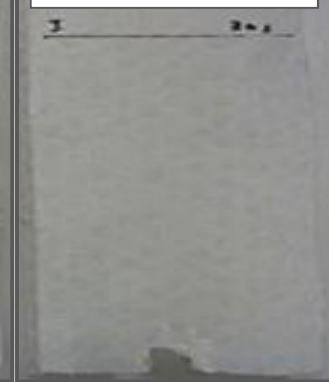


Nidaplast® 8 FR

15s
Application
bord



30s
Application
bord



15s
Application
bord



30s
Application
bord

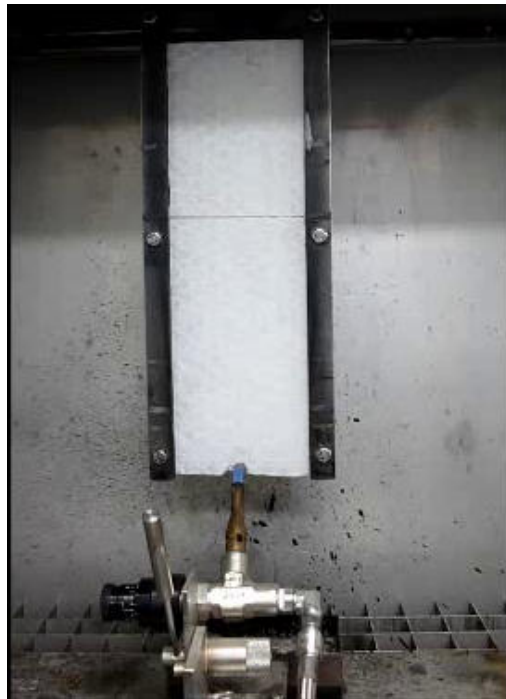
Destroyed
product /
Produit

détruit



**New / Nouveau
2013**

Fire propagation test / Test de propagation du feu



Fire Retardant Product



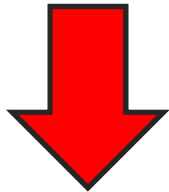
Standard Product



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**Nidaplast ®8 FR +
Skin / *peau* resin/gelcoat M1**

Test Condition / Condition d'essai:
→ Irradiance 500Watts during 20 min /
Irradiance 500Watts pendant 20 min



**The sandwich panel keeps
its M1 ranking + possibility
to decrease the skin
thickness /**

***Le panneau
sandwich conserve
son classement M1 +
possibilité de
diminuer l'épaisseur
de peau***



**IGNITION
(Radiator)**



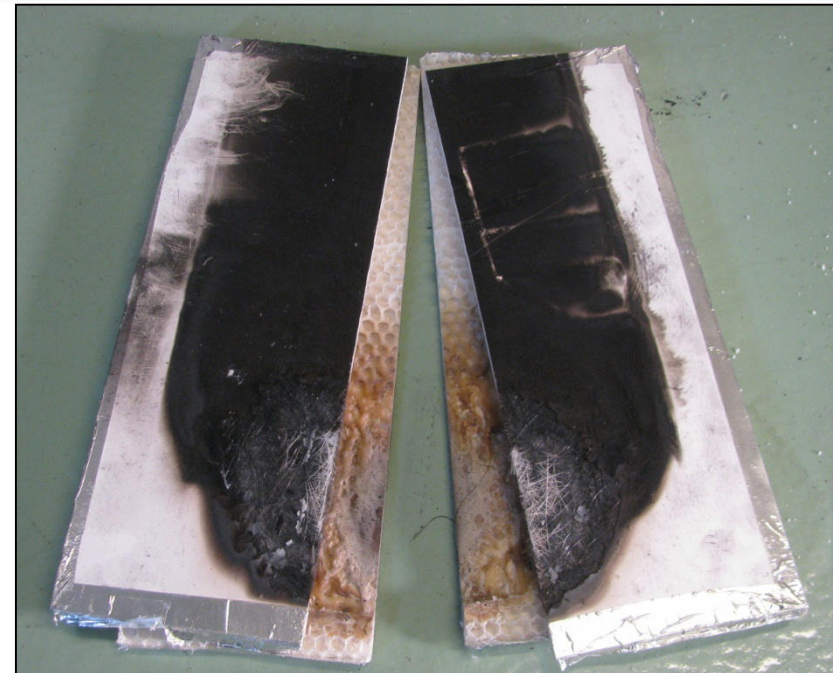
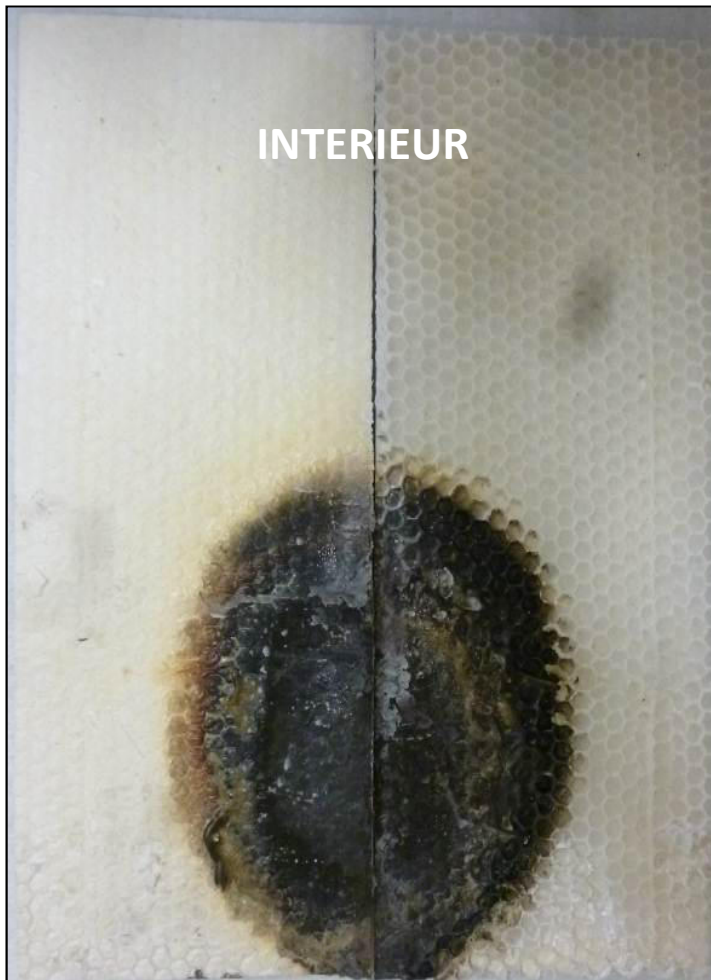
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**Nidaplast ®8 FR +
Skin / peau resin/gelcoat M1**



**No flame propagation inside the
sandwich panel /**

***Pas de propagation à l'intérieur du
panneau sandwich***

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Nidaplast ®8 FR

**Nidaplast composites helps you for your fire
ranking sandwich panels /**

***Nidaplast vous accompagne dans le
classement du sandwich avec vos peaux***

Possible fire ranking / Classements possibles:

M1 - NF P92 507

B1 - DIN 4102

B-s2-d0 - EN ISO 13501 (Euroclasses)

HL3 - XP CEN TS 45545



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