

# Rapport d'essais n° FaCeT 18-26073342-1

## Concernant les procédés Albond systems rivetés/vissés et Albond systems cassettes

*Ce rapport annule et remplace le rapport portant le numéro FaCeT 18-2607334 en date du 17/09/2018*

### ALBOND 9000 4 mm WIND LOAD TABLES (acc. to results)

#### RIVET / SCREW SYSTEM

Panel width (mm)	Panel height (mm)	Number of Supports	Number of rivets / panel	Center Distance (mm) vertical rivet	Center Distance (mm) horizontal rivet	Allowable Value (Pa)
1000	1000	3	3x3	470	485	1925
1500	1500	4	4x4	470	476	2920
1000	3500	3	3x8	470	490	2148
1250	2600	4	4x6	390	500	2683
1500	3500	4	4x8	470	492	2416
1500	4000	4	4x9	470	495	1505

#### Criteria :

- The admissible value takes into account a safety factor of 3.0
- Deformation (mm)  $f < L/30$  and  $H/30$  where the L is the distance between vertical rivets and L is the distance between horizontal rivets.
- Deformation  $< 50\text{mm}$

#### CASSETTE SYSTEM

Panel width (mm)	Panel height (mm)	Flange (mm)	Number of notches per side	Allowable Value (Pa)
900	3000	50	8	840
1200	2400	50	6	612
1400	1500	50	4	475

#### Criteria :

- The admissible value takes into account a safety factor of 3.0
- Deformation (mm)  $< L/30$ ; where the L is the width of the cassette.
- Deformation  $< 50\text{mm}$