



**Agrement Tehnic**  
**001SB-04/1513-2020**

# Qbond

## Fișă tehnică

ACP Dimensions		RESULTS		
Sr. No.	TEST ITEM			
1	Total thickness	4mm	4mm	4mm
2	Aluminum skin thickness	0.4mm	0.4mm	0.5mm
3	Standard Sizes	1220*2440mm, 1500*3050mm, 1500*4050mm		
4	Core	<b>Normal LDPE</b>	<b>FR B1</b>	<b>FRA2</b>

Dimensional Tolerances				
Sr. No.	TEST ITEM			
1	Panel Thickness	± 0.1mm	± 0.1mm	± 0.1mm
2	Aluminum Thickness	± 0.02mm	± 0.02mm	± 0.02mm
3	Width	± 2mm	± 2mm	± 2mm
4	Length	± 3mm	± 3mm	± 3mm
5	Diagonal	± 5mm	± 5mm	± 5mm

Surface Properties				
Sr. No.	TEST ITEM			
1	Paint	<b>PVDF</b>	<b>PVDF</b>	<b>PVDF</b>
2	Paint Thickness	26 ± 1 μ m	26 ± 1 μ m	26 ± 1 μ m
3	Pencil Hardness	≥ 2H	≥ 2H	≥ 2H
4	Toughness of Coating	≤ 2T	≤ 2T	≤ 2T
5	Impact Strength	50kg*cm (No crack in Paint)	50kg*cm (No crack in Paint)	50kg*cm (No crack in Paint)
6	Adhesion Force	100/100 No peel		
7	Boiling Water Resistance	Boiling for 2H no change		
8	Solvent Resistance	Cleaned 200times with Dimethylbenzene without change		
9	Acid Resistance	Immerse Surface in 2%HCL for 24H without change		
10	Alkali Resistance	Immerse Surface in 2%NaOH for 24H without change		
11	Cleaning Resistance	> 1000 times without change		
12	Peel Strength 180°	≥ 5N/mm	≥ 5N/mm	≥ 5N/mm

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