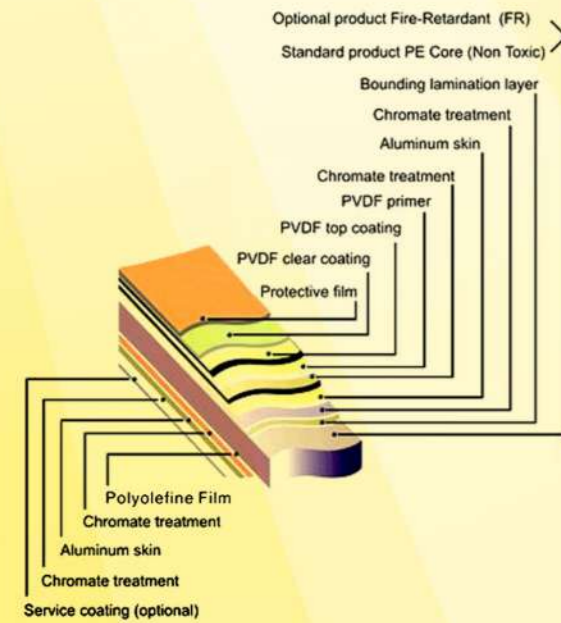


Aluminium Composite Panel

Aluminum composite panel or aluminum-plastic plate, refers to the kind of panels that use plastic as the core layer, aluminum as two sides, that is three layer composite panel, and the product surface is covered by decorative coating as decorative surface of products, with the plastic film to protect it. Aluminum composite panels, as a new kind of decoration material, since the late eighties and early nineties are imported from South Korea and Taiwan to China, with its economy, optional color diversity, convenient construction method, excellent processing performance, excellent fire resistance and noble quality, they are quickly popular among people.

Range of applications:

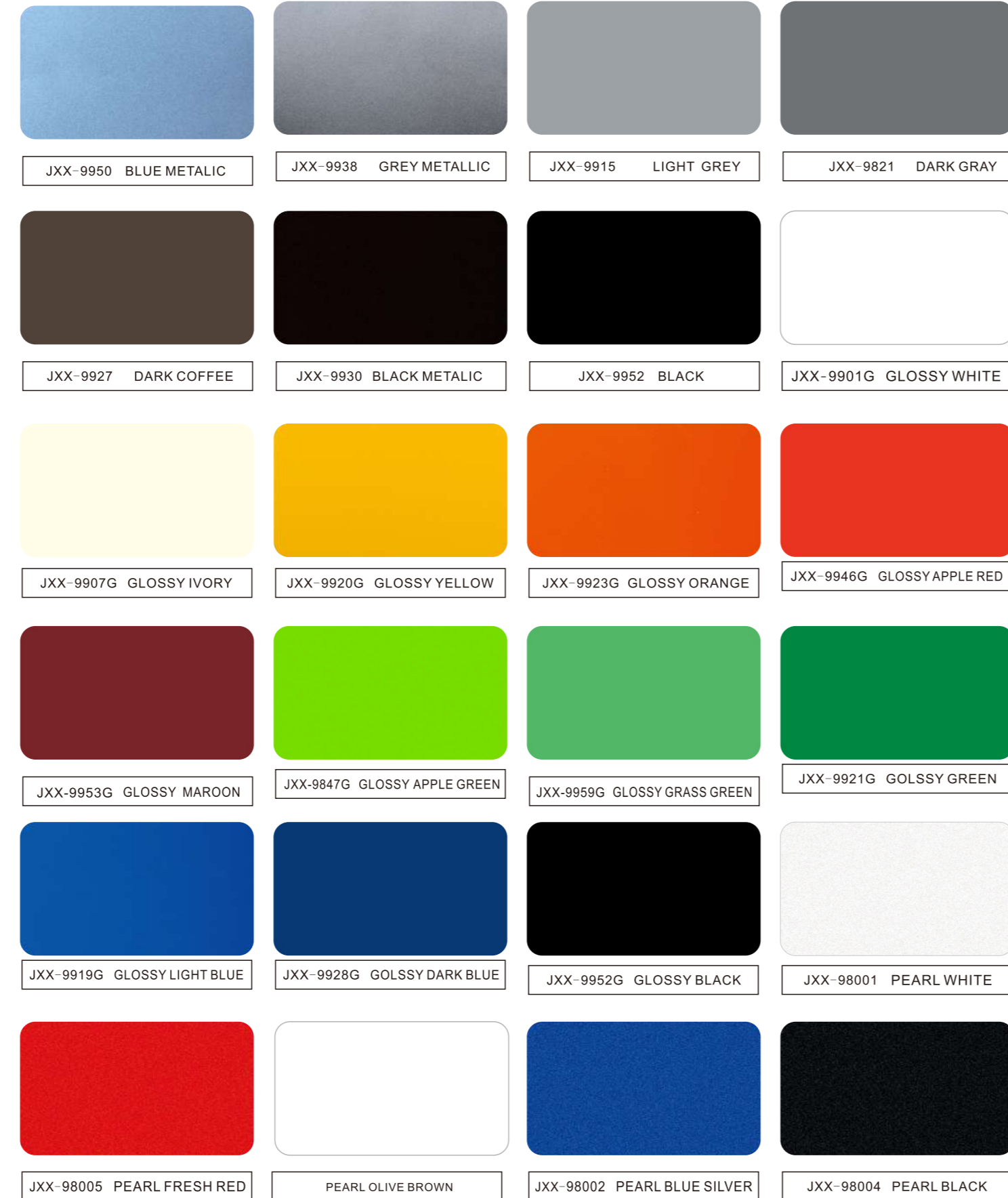
1. Building exterior wall, curtain wall
2. The old building external walls modification and refurbishment
3. The balcony, equipment unit, interior compartments
4. Panel, sign board, display racks
5. Interior decorative panels, ceilings, advertising signs
6. Industrial materials, cold car body



Color Chart

! Because of the printing discrepancy, it may differ somewhat from the actual sample, please take practical mainly when you choose the products!





| Items(PVDF ACP) | Standard Index | Result | Conclusion | |
|--------------------------------|---|-----------------------|------------|-----------|
| Appearance | Clean Surface without swell, scraft and aberration | Pass | Qualified | |
| Deviation of Dimension | Deviation of Digonal: 5mm | 1mm | Qualified | |
| Thickness of Coating | ≥ 25um | 27u(av.30) | Qualified | |
| Hardness of Pencil | ≥ HB | H | Qualified | |
| Toughness of Coating | ≤ 2T | 2T | Qualified | |
| Impact Strength | 50 Kg. cm Without paint off and crack | Pass | Qualified | |
| Boiling Water Resistance | Boiling for 2h without change | Unchanged | Qualified | |
| Acid Resitance | immerse surface with 5% HCl(v/v) for 24h without change | Unchanged | Qualified | |
| Alkali Resistance | immerse surface with 5% NaOH(m/m)for 24h without change | Unchanged | Qualified | |
| Solvent Resistance | Clean 100 times without change | Bottom Unreveals | Qualified | |
| Cleaning Resistance | ≥10000 times without change | Unchanged | Qualified | |
| Bend Strength | ≥100 Mpa | 121 Mpa | Qualified | |
| Flexuous Modulus of Elasticity | ≥2.0 x 10.4Mpa | 3.12 x 10.4Mpa | Qualified | |
| Cutting Strenght | ≥28.0 Mpa | 32.0 Mpa | Qualified | |
| 1800 Peel Strenght | ≥7.0 N/mm | 11.2 N/mm | Qualified | |
| Salt Haze Resistance(300h) | Not less than Grade 2 | Grade 1 | Qualified | |
| Artificial Warthering(4000h) | Artificial Resistance Aberration | ≤ 4.0 | 1.24 | Qualified |
| | Aging Resistance out of Light | Not less than Grade 2 | Grade 1 | Qualified |

【Company Honor】



【Test Report】

