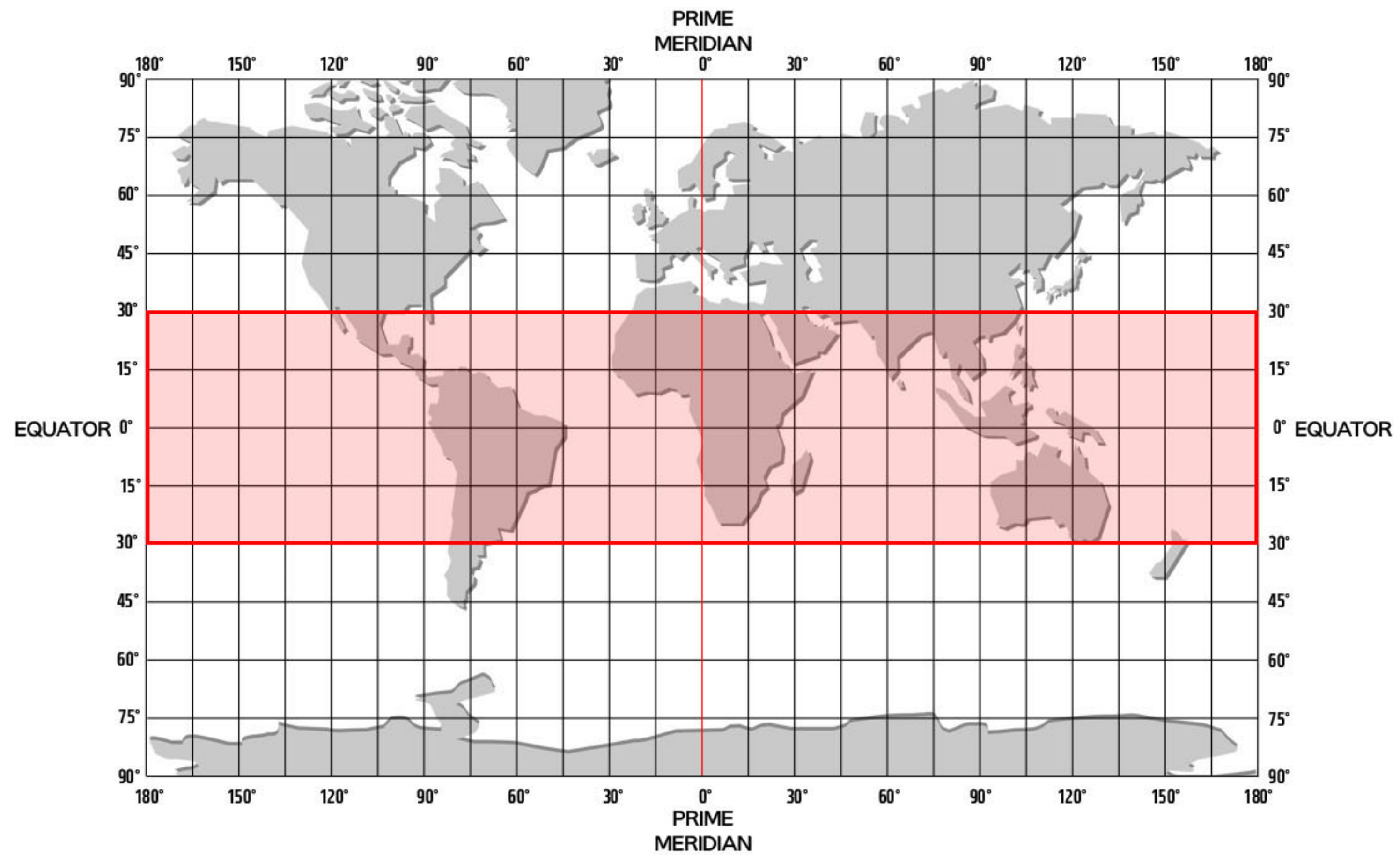


High risk countries - latitude(0-30degrees)

Central and South America (Ecuador, Guatemala, Panama, Peru, Colombia, Honduras, Brazil, Chile (below 15 degrees North latitude) , Uruguay, Dominican Republic, Mexico), Africa (Ghana, Kenya, South Africa), Middle East (Kuwait, Saudi Arabia, Lybia, Egypt), Southwest Asia (India, Indonesia, Malaysia, Thailand, Indonesia, Philippines, Singapore, Brunei, Vietnam, Laos, Myanmar, Pakistan) and Africa (Egypt, Libya).



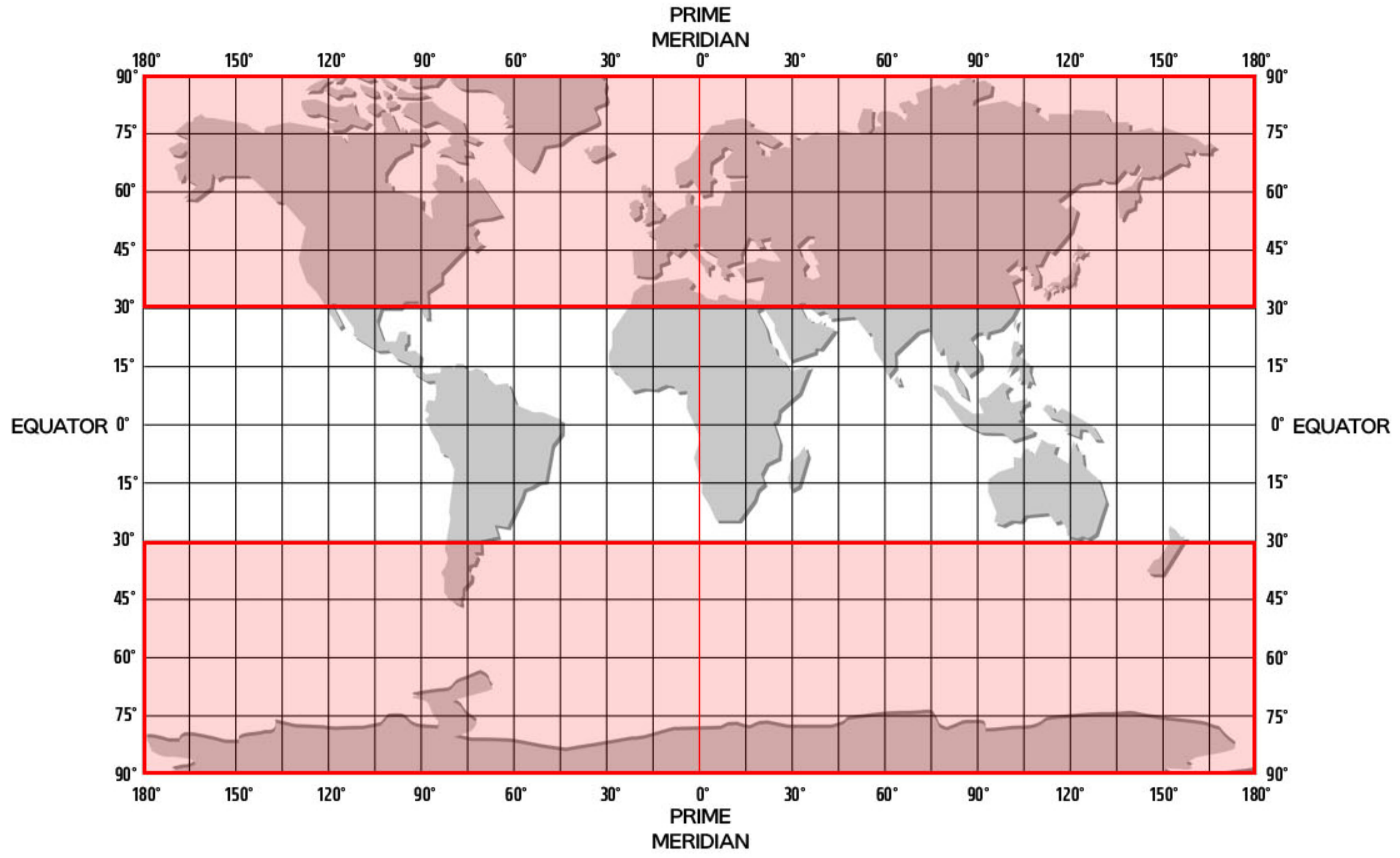
| LINEUP | PEEL/ FLAKE | PERFORATION | COLOR FADING | | | CHALK | | |
|-----------------|-------------|-------------|--------------|------|------|--------|------|------|
| | | | PERIOD | ROOF | WALL | PERIOD | ROOF | WALL |
| RMP | 5Y | 5Y | - | - | - | - | - | - |
| HDP | 7Y | 7Y | 3Y | ΔE8 | ΔE6 | 3Y | NO.4 | NO.6 |
| SMP | 10Y | 10Y | 3Y | ΔE8 | ΔE6 | 3Y | NO.4 | NO.6 |
| URETHANE | 20Y | 20Y | 15Y | ΔE8 | ΔE6 | 15Y | NO.4 | NO.6 |
| SQP40 | 20Y | 20Y | 15Y | ΔE8 | ΔE6 | 15Y | NO.4 | NO.6 |
| PVDF | 20Y | 20Y | 20Y | ΔE5 | ΔE5 | 20Y | NO.8 | NO.8 |
| MATT | 5Y | 5Y | - | - | - | - | - | - |
| RMP PRINT 2C2B | 3Y | 3Y | - | - | - | - | - | - |
| RMP PRINT 3C3B | 5Y | 5Y | - | - | - | - | - | - |
| PVDF PRINT 3C3B | 10Y | 10Y | 10Y | ΔE8 | ΔE6 | 10Y | NO.6 | NO.8 |

 ASTM D4214 Chalking rate



Low risk countries – latitude (30 degrees and above)

North America (United States, Canada), Asia (Russia, Japan, China), Europe and other UV index countries (Australia, New Zealand, South America)



| LINEUP | PEEL/ FLAKE | PERFORATION | COLOR FADING | | | CHALK | | |
|-----------------|-------------|-------------|--------------|------|------|--------|------|------|
| | | | PERIOD | ROOF | WALL | PERIOD | ROOF | WALL |
| RMP | 10Y | 10Y | 10Y | △E8 | △E6 | 10Y | NO.4 | NO.6 |
| HDP | 15Y | 15Y | 15Y | △E8 | △E6 | 15Y | NO.4 | NO.6 |
| SMP | 25Y | 25Y | 20Y | △E8 | △E6 | 20Y | NO.4 | NO.6 |
| URETHANE | 25Y | 25Y | 20Y | △E8 | △E6 | 20Y | NO.4 | NO.6 |
| SQP40 | 40Y | 40Y | 30Y | △E8 | △E6 | 30Y | NO.4 | NO.6 |
| PVDF | 40Y | 40Y | 25Y | △E5 | △E5 | 20Y | NO.8 | NO.8 |
| MATT | 10Y | 10Y | 10Y | △E8 | △E6 | 10Y | NO.4 | NO.6 |
| RMP PRINT 2C2B | 5Y | 5Y | 5Y | △E10 | △E8 | 5Y | NO.4 | NO.6 |
| RMP PRINT 3C3B | 10Y | 10Y | 10Y | △E10 | △E8 | 10Y | NO.4 | NO.6 |
| PVDF PRINT 3C3B | 20Y | 20Y | 20Y | △E8 | △E6 | 20Y | NO.6 | NO.8 |

The fluorine products with AL material applied

| Coastline standard | 2 COAT (5um+20um) | 32 COAT (5um+20um+10um) | WARRANTY |
|--------------------|-------------------|-------------------------|------------------------------|
| 0 ~ 100M | NO Warranty | 20Y | ROOF / WALL △E5.0 NO.8 |
| 100M ~ 400M | 20Y | 20Y | |
| 400M ~1,000M | 20Y | 25Y | |
| 1,000M and above | 25Y | 30Y | |

ASTM D4214 Chalking rate

