


Adhesion of the film

We conducted a Pull-off adhesion test for the ROVAL series. The test results are as follows. The ROVAL series has the property of improving adhesion as it is exposed.

[Test method]

<p>Adhesion test (Pull-off method) JIS-K5600-5-7:2014 (ISO 4624 Paints and varnishes — Pull-off test for adhesion) Testers: DeFelsko PosiTest AT-A Dolly size: 20mm</p>	
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[Test result]

Blasted steel plate (300 x150 x 6mm)

Product name	Before exposure	After 3 months	After 12 months
ROVAL	7.5 MPa	9.6 MPa	10.1 MPa
EPO ROVAL	8.1 MPa	9.6 MPa	10.7 MPa
ROVAL SILVER	3.0 MPa	4.6 MPa	5.6 MPa
AQUA ROVAL	9.7 MPa	10.0 MPa	11.5 MPa

Hot-dip galvanizing plate (300 x150 x 6mm)






Product name	Before exposure	After 3 months	After 12 months
ROVAL	7.2 MPa	9.5 MPa	10.0 MPa
EPO ROVAL	7.4 MPa	9.4 MPa	10.9 MPa
ROVAL SILVER	3.0 MPa	5.1 MPa	6.6 MPa
AQUA ROVAL	9.0 MPa	9.6 MPa	11.7 MPa

[Test method & Result]

Adhesion test (Cross-cut test) JIS-K5600-5-6:1999 (ISO 2409)

(square: 2mm x 25)

Product name	Test result (Score)
ROVAL	1
EPO ROVAL	1
ROVAL SILVER	1
AQUA ROVA	1

Score	Appearance of surface of cross-cut area from which flaking has occurred
0	
1	
2	
3	
4	
5	