

No pre-sanding required. Paint directly on rust!

# *Next generation anti-rust paint*

Looking directly at the troubled site ...

**Physically impossible place  
to be prepared and in order to avoid  
environmental pollution.**

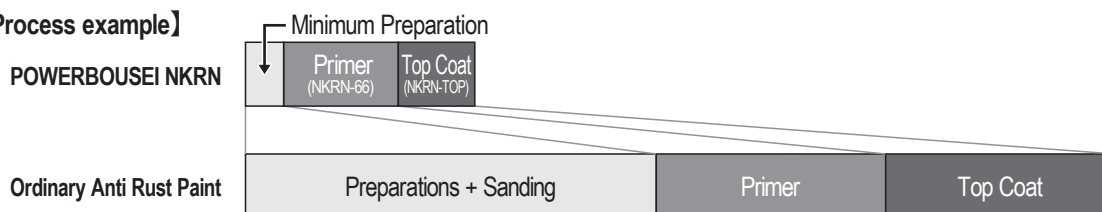
Ordinary rust preventive paint contains lead, chromium and others that are harmful heavy metals. They cause environmental pollution when they peeled from substrate.



**Reduce application time and cost significantly!**

No preparation is the noteworthy feature of this product. Reduction of construction cost and period

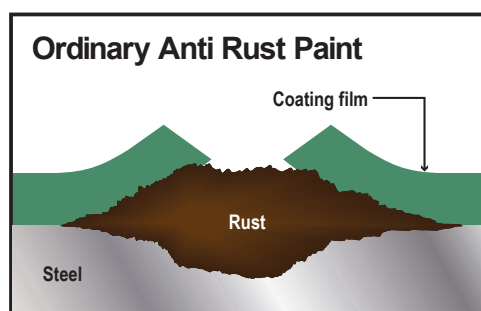
[Process example]



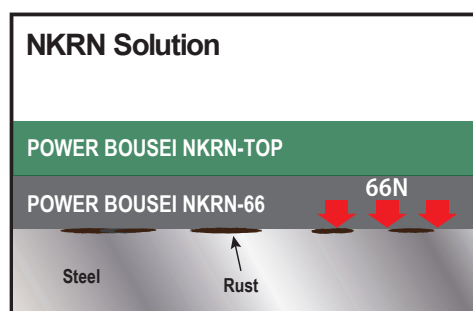
**A great difference in long-lasting durability by rust prevention and reinforcement**

**NKRN-66 - An incredible anti-rust primer!**

**NKRN - TOP - Incredible weather proof,  
a flexible layer prevents cracking!**



Coating film is broken by rust. Rust begins to spread gradually.



[POWER BOUSEI NKRN-66] strongly presses rust with 66N pressure. In addition, strong and highly flexible [POWER BOUSEI NKRN-TOP] prevents rust for a long time.

## POWER BOUSEI NKRN-66 Test Data

Equipment Brush,Roller

### Physical properties

|                          |                                           |
|--------------------------|-------------------------------------------|
| Apprearance in container | Base component : Gray liquid              |
|                          | Hardener : Beige liquid                   |
| Mixing ratio             | Base component : Hardener / 5:1 by weight |
| Pot life                 | 1-2hours(20℃,60%)                         |
| Dry to touch             | 5-6hours(20℃,60%)                         |
| Curing time              | 12hours(20℃,60%)                          |

### Test Data

| Test                 | Result                            | Description                                                        |
|----------------------|-----------------------------------|--------------------------------------------------------------------|
| Adhesion             | 11.3N/mm <sup>2</sup>             | JIS K 5600-5-7<br>Pull off test                                    |
| Bending strength     | 66.6N/mm <sup>2</sup>             | JIS A 1106                                                         |
| Compressive strength | 90.4N/mm <sup>2</sup>             | JIS K 7181                                                         |
| Tensile strength     | 72.8N/mm <sup>2</sup>             | JIS K 7161-1                                                       |
| Salt spray test      | No Rust,Blister,<br>Peeling,Crack | JIS K 5600-7-1<br>6,000hrs                                         |
|                      | Below 0.5mm                       | JIS K 5600-7-1<br>6,000hrs cutting part(Maximum and blister parts) |
| Impact resistance    | No abnormality                    | JIS K 5600-5-3<br>Dropping 1kg steel ball from 1m over 10times     |

## POWER BOUSEI NKRN-TOP Test Data

Equipment Equipement : Spray Gun

### Physical properties

|                          |                                           |
|--------------------------|-------------------------------------------|
| Apprearance in container | Base component : Liquid                   |
|                          | Hardener : Clear liquid                   |
| Mixing ratio             | Base component : Hardener / 1:1 by weight |
| Pot life                 | 10seconds(20℃,60%)                        |
| Dry to touch             | 5minutes(20℃,60%)                         |
| Curing time              | 2hours(20℃,60%)                           |

### Test Data

| Test                | Result                     | Description                                                    |
|---------------------|----------------------------|----------------------------------------------------------------|
| Adhesion            | Over 11.3N/mm <sup>2</sup> | JIS K 5600-5-7 Pull off<br>Undercoating : POWER BOUSEI NKRN-66 |
| Tensile strength    | 20MPa (300%)               | JIS K 6251<br>Speed 500mm/min<br>Distance from grip 90mm       |
| Cupping resistance  | OK                         | JIS K5600-5-2<br>13.5mm Substrate broke (Galvanized steel)     |
| Impact resistance   | OK                         | JIS K 5600-5-3<br>Dropping 1kg steel ball from 1m over 10times |
| Friction resistance | 5mg                        | JIS K 5600-5-9<br>CS-10、1kg、1,000times                         |

【Manufactures】

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