



Basecoat HiQ BASE

Basecoat / Clearcoat system

Version 1.0

PRODUCT DESCRIPTION

■ Outline

HiQ BASE is an easy-to-apply, fast-drying basecoat that uses unique state of the art resin technology that results in improved hiding, drying and overall basecoat/clearcoat performance.

HiQ BASE is easy to apply and can be clearcoated in as little as 5-10 minutes. HiQ BASE offers exceptional clearcoat gloss holdout and distinction of image, while providing excellent clearcoat to basecoat adhesion.

■ Suitable Substrates

HIQ / BODYIAN PRIMER-SURFACER

HIQ / BODYIAN PLASTIC PRIMER

OEM finishes

Aged refinishes

■ Product Configuration

Product Name	Pack(ℓ)	Contents(ℓ)	Storage
Basecoat HiQ BASE	4.0	4.0	12 months
-	-	-	-
HIQ URETHANE THINNER DR-421	4ℓ , 16ℓ	4ℓ , 16ℓ	24 months

* Standard temperature of storage is 20°C.

■ Mixing Viscosity

14~16 sec. Viscosity(A+T) Ford Cup #4 at 77°F (25°C)

■ Reducer Selection

Temperature			
5~15°C	10~25°C	20~35°C	30°C or above
DR-421W	DR-421WS	DR-421S	DR-421R

APPLICATION GUIDE

■ Use

Stirring



Stir thoroughly before use.

Surface
Preparation



Apply clearcoat after applying basecoat and wiping off the dust in the fully-dried condition.

Mixing
Ratio



Product Name	Mixing Ratio
Basecoat HiQ BASE	1
-	-
HIQ URETHANE THINNER DR-421	1

* Mix by volume.

Spray
Condition



2.5~3.5 bar (gravity feed)
2~3 wet coats keeping 20~25cm from the surface
Fluid tip : 1.2~1.5mm, D.F.T.=15~30 μ m



3.0~4.0 bar (siphon feed)
2~3 wet coats keeping 20~25cm from the surface
Fluid tip : 1.4~1.6mm, D.F.T.=15~30 μ m



Set time : 5~10 min (20°C)

Protective
Equipment



Use fresh air mask or charcoal respirator to avoid inhaling or being exposed to fumes.

■ Drying Times

- 10~20 mins / 25°C

ADDITIONAL INFORMATION

■ Recoatability

- 1) See clearcoat data sheet for specific instructions.
- 2) Recoat basecoat colors before 18 hrs or remove basecoat color.

■ VOC Content

VOC content of 6.4lbs/gal (780g/liter)

■ Notice

1. Completely eliminate the moisture of spray equipment before use.
Cleanse immediately after application not to have any leftover on spray equipment.
2. Stir thoroughly before use.
3. Avoid direct sunlight during delivery, storage and handling. Store in a cool, dry dark place under room temperature(5°C-35°C).
4. Keep container tightly closed and store upright. When spilled, absorb contents with sand.
5. During application(including touch-up application), color difference may occur depending on mixing ratio, painting tools and application method. It may occur in same color product and same LOT No.
6. Please check whether color difference occurred or not. If possible, apply the same LOT No. product in consistent application method.

7. Suitable condition for application and hardening is 10°C or above.
8. Surface temperature must be at or above 3°C to avoid moisture condensation.
9. Do not mix with other paint products.
10. Proceed a test application before applying on a precedent or an old paint film
(check adhesion, color spread and transparency).
11. Please refer to technical data sheet before system application(primer, midcoat and topcoat).
12. Please do not apply paint above 85% RH or below 5°C because it may influence physical properties.
13. Contents must not flow into drain, river and soil.
14. To prevent environmental pollution, dispose contents after complete use and dispose the residue through waste disposal company authorized by the ministry of environment.
15. Beware of ingestion, inhalation and contact of animals and plants.
16. Use masking tape, covering tape, vinyl or newspapers to cover areas that should not be painted.

■ Health and Safety

1. Be well-informed of MSDS before use.
2. Keep out of the reach of infants and children. Do not apply a product to baby products and food containers.
3. Do not use a product for any other uses. (Sniffing is prohibited. Do not use as a fuel.)
4. If on skin or eye, wash thoroughly with running water and get a medical treatment.
5. Do not apply a product in an enclosed area.
In order to prevent suffocation during application and drying, use power blower to keep the area fully ventilated. Workers must wear gas mask and safety gears all the time.
6. Contents include organic solvents and can cause health problems such as headache, dizziness and dermatitis.
Do not ingest or inhale the product and avoid skin contact.
Wear safety glasses, coveralls and latex gloves when mixing and applying.
7. Keep away from fire and heat during application or storage because it is flammable and has risk of fire.
Beware of spark from impact, droppage and friction while handling.
8. Storing a product with combustible substances such as stained clothes or paper may cause fire by spontaneous ignition. Thus do not pile products with combustible substances.
Keep it in a non-flammable container filled with water, then put a lid on and dispose it.
9. Please contact our customer service or refer to GHS-MSDS and technical data on the website for further details.

This data sheet is based on the test results and experiential bases of NOROO but might vary with the actual working environment and applying condition. This data is the intellectual property of NOROO Paint thus copying and distribution without permission are strictly prohibited. For more information, please contact the technical team or refer to our homepage. (<http://www.autorefinishes.co.kr>)