

REN

BOYA VE KİMYA A.Ş



TECHNICAL DATA SHEET

RenCoat NCC (Noise Control Coating)

Flexible, high-performance sound-damping solution for structural and mechanical noise control.

RenCoat NCC is a water-based acrylic coating engineered to reduce excessive sound transmission from structural or mechanical sources. It adheres directly to a wide range of surfaces and incorporates noise-suppressant components encased in an acrylic resin matrix. Its flexible, easy-to-apply formula delivers reliable acoustic performance in various environments



PROPERTIES

- Class A fire-rated
- Excellent noise damping
- Fast drying and curing times
- Easy to apply on a wide range of surfaces

Base : Water-based Acrylic Coating

Finish : Flat (Matte)

Application of Finish Coat: Consult RenCoat prior to use

Wet Weight : 1.58 kg/L

Dry Film Weight : 2.1 kg/m² at 1 mm thickness

Solids Content : 66–68%

Maximum Application Temperature: 145°C

APPLICATION DETAILS

Surface Preparation: Ensure the surface is clean, dry, and free from contaminants.

Suitable substrates include:

- Plaster
- Exposed concrete
- Painted or bare interior and exterior walls
- Metal and wood

(must be primed before application)

- Roof surfaces

Surface Temperature: Should be above 10°C during application

Application Thickness: Can be applied in multiple coats to enhance noise insulation properties.

Each coat must dry thoroughly before the next application. Tack coat should be dry to the touch.

Recommended Equipment:

- Airless sprayer
- Small spray gun
- Brush or roller

Mixing: Material must be mixed thoroughly using a mechanical mixer before application

PACKAGING, HANDLING & STORAGE

- **Container Weight (Wet):** 28.5–29.5 kg (18 liters)
- **Net Contents :** 29 kg (18 liters)
- **Storage** : 24 months shelf life in sealed packaging, stored in a cool, dry location
- **Flash Point** : None

CLEANUP & SAFETY

Cleanup: Clean tools and equipment with water

Safety Precautions:

- Use a respirator mask during spray application
- Eye protection is recommended
- Wear gloves and safety clothing
- Ensure proper ventilation, especially in confined areas

DRYING & CURING TIMES

Drying time may vary depending on environmental conditions such as airflow and humidity. Thinner coats will dry faster.

Drying & Curing Times

Ambient Temperature	Humidity	Time Between Coats (hours)
15–20°C	31–50%	4 hours
21–25°C	31–50%	2.5 hours
26–30°C	31–50%	2 hours
31–35°C	31–50%	1.5 hours
36–40°C	31–50%	1 hour

🌐 For more information, visit: www.renboya.com