



## 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/m<sup>2</sup> 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](http://www.renboya.com)