

# Resene Cyber 21

## design coating

Resene Cyber 21 is an original interior wallcovering blending subtle optical effects with resilient toughness, unique tactility and sound modulation.

### interior

### Typical uses

- Any interior wall surface

**Vehicle type**

**Pigmentation**

**Solvent**

**Finish**

**Colour**

**Dry time (minimum)**

**Recoat time (minimum)**

**Primer required**

**Theoretical coverage**

**Dry film thickness**

**Usual no. of coats**

**Abrasion resistance**

**Chemical resistance**

**Heat resistance**

**Solvent resistance**

**Durability**

**Thinning and clean up**

**VOC**

### Physical properties

Polyurethane

Polymeric bead

Water

Absolutely flat

A range of standard colours including black and white

2-3 hours

3 hours

Yes, dependent on surface

4 sq. metres per litre at 100 microns DFT

1.7 sq. metres per litre at 250 microns DFT

100-250 microns depending on colour

1

Very good

Good

Thermoplastic

Very Good

Excellent

Water

Less than 10 grams per litre (see [Resene VOC Summary](#))

### Performance

### Performance and limitations

1. Creates uniquely subtle decorative effect disguising minor surface imperfections.
2. Provides tough abrasion resistant surface.
3. Unique 'soft feel' surface.
4. Can attenuate harsh sounds.

### Limitations

1. Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period.
2. Spray application only.

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## Surface preparation

Clean down thoroughly to remove all dirt, dust and loose material. Ensure surfaces are free from oil, grease and mould. If moss and mould are present, treat with Resene Moss & Mould Killer (see [Data Sheet D80](#)). Old enamels require fine sanding to a uniform dull finish.

### Prime as per the following:

#### Fibrous plaster, paperfaced plasterboard

Resene Broadwall Waterborne Wallboard Sealer (see [Data Sheet D403](#)).

#### Particle board, timber

Resene Quick Dry (see [Data Sheet D45](#)). (Where a staining type of timber exists an application of Resene Wood Primer (see [Data Sheet D40](#)) may be required).

#### Soft or absorbent surfaces

Where a surface to be painted is considered too soft to form a stable substrate, a saturation coat of a fully penetrating sealer, such as Resene Sureseal (see [Data Sheet D42](#)) may be required.

#### Varnished surfaces, laminated surfaces

Resene Waterborne Smooth Surface Sealer (see [Data Sheet D47a](#)).

*Sanding dust from old lead or chromate based paints or old building materials containing asbestos may be injurious to the health if inhaled or ingested. Seek expert advice if the presence of these materials is suspected.*

## Application

Spray.

- **HVLP** – Apply one full coat of Resene Lumbersider (see [Data Sheet D34](#)) in a colour close to the chosen Resene Cyber 21 colour. Allow to dry and then apply one coat of Resene Cyber 21 by HVLP 230 turbine system with a 51 needle and a No.10 air cap.
- **Pressure pot** – Apply one full coat of Resene Lumbersider (see [Data Sheet D34](#)) in a colour close to the chosen Resene Cyber 21 colour. Allow to dry and then apply one coat of Resene Cyber 21 by pressure pot set to approximately 30 PSI using a standard gun set up.
- **Airless spray** – Apply one full coat of Resene Lumbersider in a colour close to the chosen Resene Cyber 21 colour. Allow to dry and then apply one coat of Resene Cyber 21 by pressure pot set to approximately 30 PSI using a standard gun set up.

Building the system in light applications is better than one heavy coat.

## Precautions

1. In all cases, keep the gun a good distance from the substrate (approximately 600mm).
2. Existing wallpaper should be thoroughly checked for adhesion and absence of bubbles before coating with Resene Cyber 21.
3. Full toughness requires 48 hours to develop in average drying conditions.

*Please ensure the current Data Sheet is consulted prior to specification or application of Resene products. If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.*

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the paint the professionals use

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