



## Floorpolish.

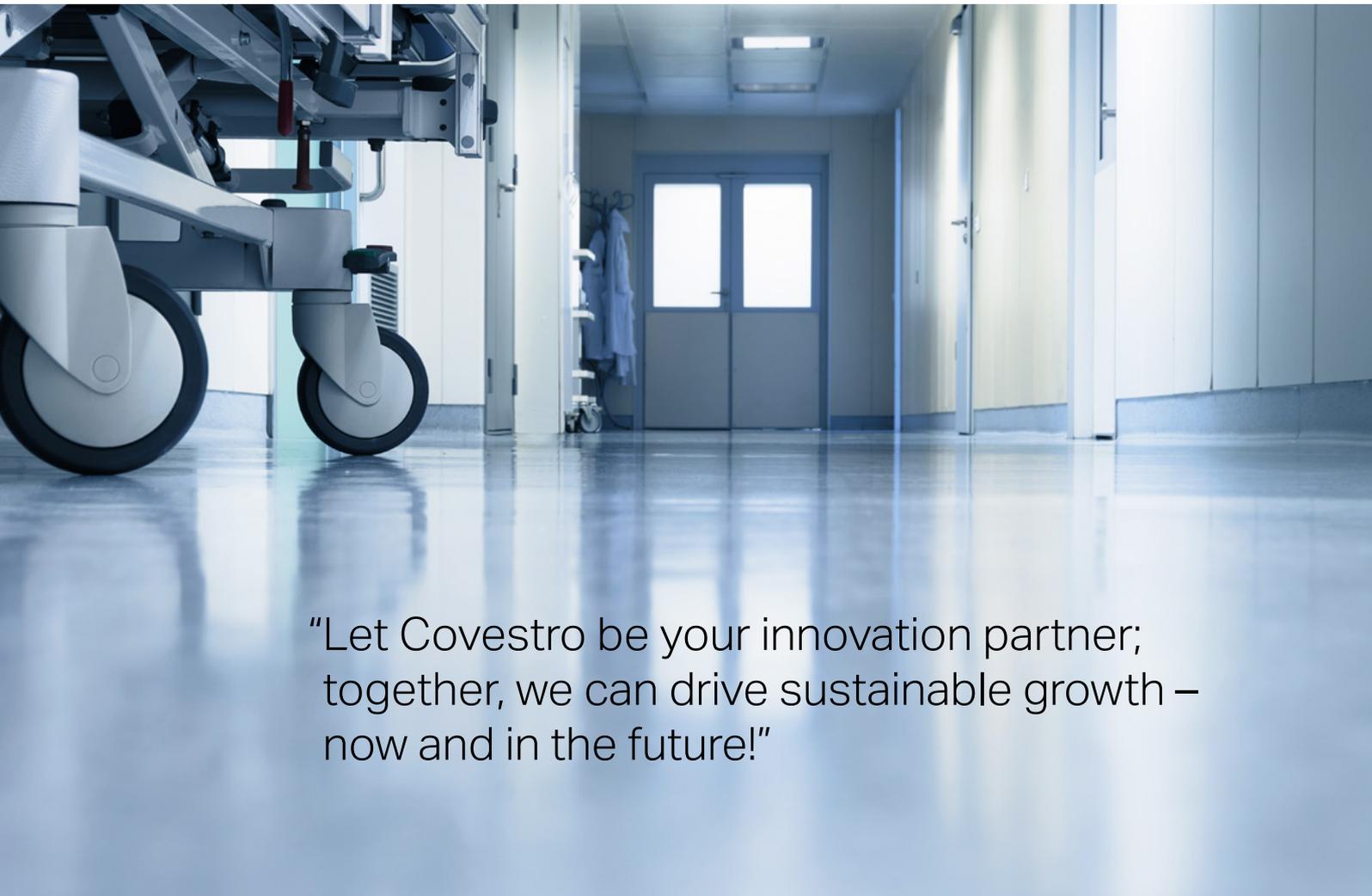
Temporary coating which enhances the appearance and may protect the substrate to which is applied.



# Welcome to our floorpolish brochure

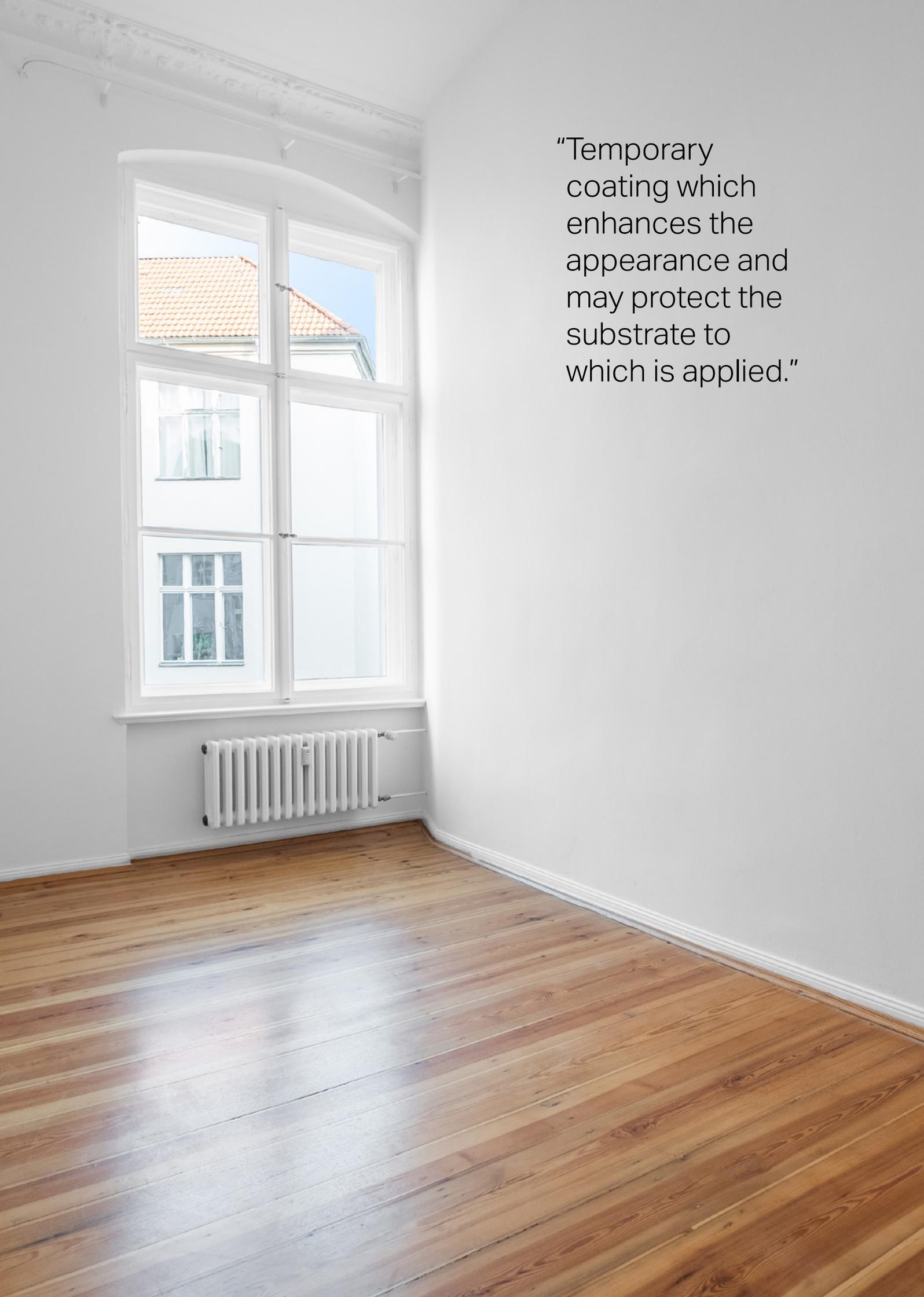
At Covestro Coating Resins, we have an industry-beating family of advanced decorative resins spanning many technologies, all designed for blending into modern paints. Our solutions cover a wide variety of substrates, from interior and exterior wall paints to trim paints, floor coatings, metal coatings, furniture lacquers, and primers of many varieties. But it doesn't stop there – whatever the requirements, our resins will help you develop innovative, futureproof solutions to meet your customers' every need.

Being a front-runner in sustainable resin technology, our solutions not only make homes look beautiful, they also make them safer. They also help protect the environment and are more friendly for users. All while enhancing technical properties and ease of use for the applicator.

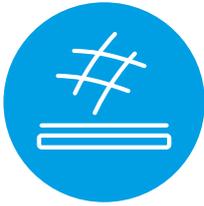


“Let Covestro be your innovation partner;  
together, we can drive sustainable growth –  
now and in the future!”

“Temporary coating which enhances the appearance and may protect the substrate to which is applied.”



## Glossary of floor polish terms:



### Black heel marking

Black marks on a flooring surface usually caused by the impact of the soles and heels of footwear.



### Buffable

Capable of improvement in gloss or general appearance, or both, of a polish film by a mechanical action.



### Cleaning

Removal of marks, dust, and other extraneous materials from surface.



### Detergent resistance

The degree to which a polish film exhibits no apparent deterioration when spotted or cleaned with a solution a non abrasive, non ammoniacal detergent.



### Dry bright polish

A polish which dries to a gloss without buffing.



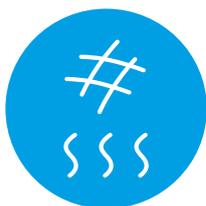
### Gloss, surface

Shine, reflection of light.



### Gloss retention

The ability of applied polish to retain a gloss under normal wear conditions excluding exposure to water.



### Levelling

The property of a freshly spread aqueous polish to dry a uniform and streak free appearance.



### Re-coatability

The application characteristics of a polish and appearance of the film after successive coatings to a surface.



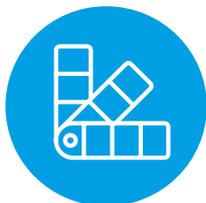
### Scuff

Disfigurement of polish film resulting from the abrading or scraping action repairable without recoating.



### Self-polishing type floor polish

A floor polish that dries to a shine.



## Stain

Discoloration by foreign matter.



## Wear

Attrition of polish film resulting from normal use.



## Wetting

The property of a polish to uniformly and completely contact the solid surface to which it is applied.



## Water emulsion floor polish

An emulsion based floor polish in which water is the continuous or external phase and falling into two categories:

### **Polymer emulsion floor polish**

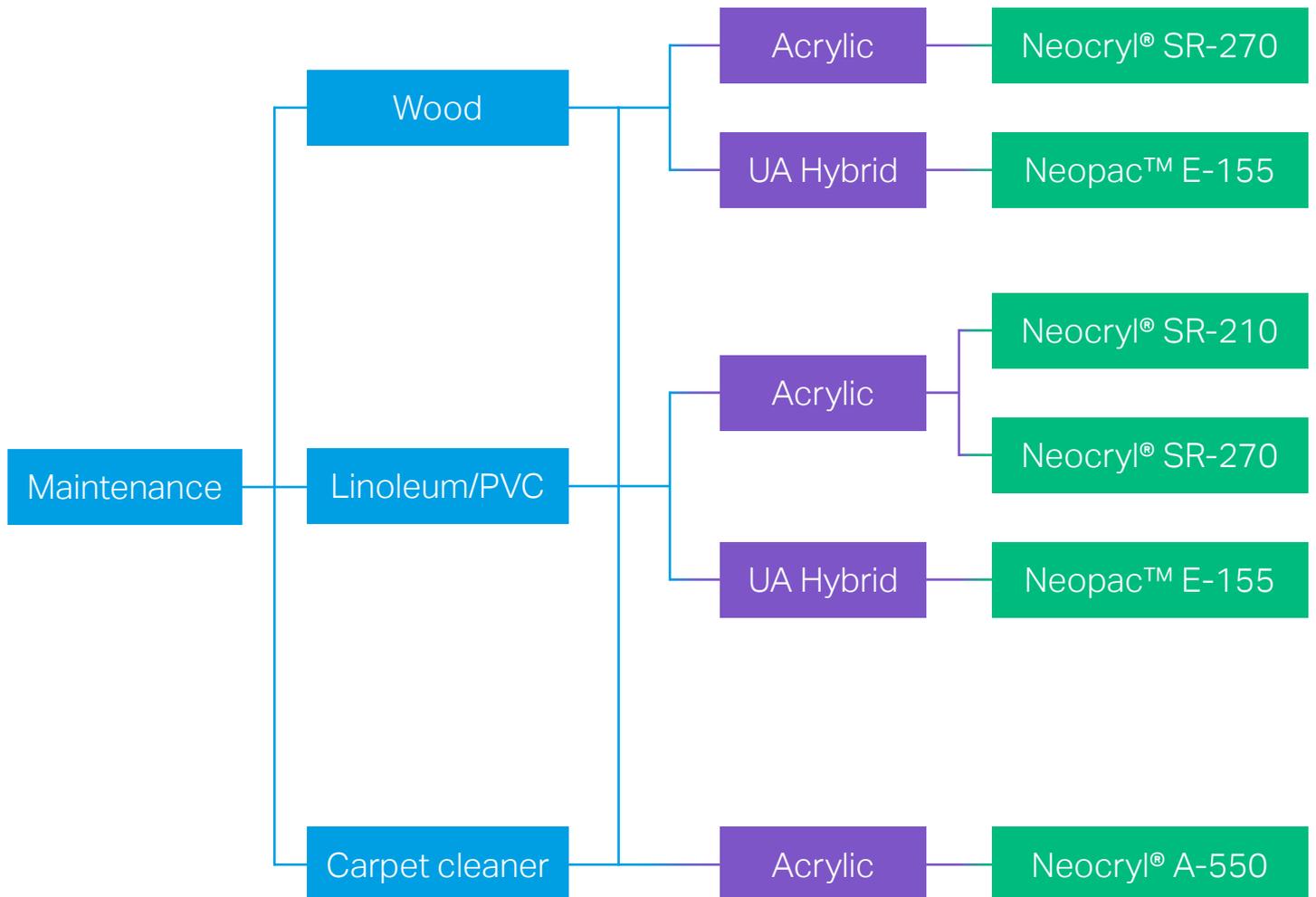
A water-emulsion floor polish containing a predominance of synthetic emulsion polymers.

### **Wax emulsion floor polish**

A water-emulsion floor polish containing a predominance of natural or synthetic waxes, or both.



## Waterborne Floorpolish



For more info click on: [➔](#)

## Neocryl® SR-210

### Metal bound pure Acrylic Styrene copolymer

- Industrial and household floorpolishes.
- Very high gloss and wet look appearance.
- Very good floorwear properties such as BHMR and scuff resistance.
- Good water and detergent resistance.
- Easy removable.
- High Speed and Ultra High Speed buffing.

## Neocryl® SR-270

### Metal bound pure Acrylic copolymer

- Industrial products.
- Excellent floorwear properties such as blackheel mark and scuff resistance.
- Durable under heavy traffic conditions.
- Nice gloss and good gloss retention.
- Detergent resistance.
- Easy removable.

### Neocryl® SR types

	Neocryl® SR-210	Neocryl® SR-270
<b>High gloss</b>	5	2
<b>Durability</b>	4	5
<b>Scuff resistance</b>	5	5
<b>BHMR</b>	5	5
<b>Water spot resistance</b>	4	5
<b>Alcohol resistance</b>	2	4
<b>Detergent resistance</b>	4	5
<b>Removability</b>	4	5
<b>Powdering resistance</b>	5	5
<b>High speed buffable</b>	5	4

5 = very good | 0 = bad

For more info click on: [→](#)

## Neopac™ E-155

- **Neopac™ E-155** is a metal bound, aliphatic urathane/ acrylic copolymer for use in satin to low gloss floor polishes.
- **Neopac™ E-155** combines a high property level with a satin to low gloss appearance, without the use of additional matting.
- **Neopac™ E-155** has excellent removability and levelling and provides PVC floors the highest possible protection. DIY maintenance is possible due to the ease of stripping and recoating the system.
- Good adhesion, recoatability and levelling on parquet lacquered floors make **Neopac™ E-155** an ultimate medium to enlarge the service life of parquet floors.
- **Neopac™ E-155** needs addition of co-solvent and plasticizers to reach optimal film formation and performance level.

### Specifications

#### Properties

- Appearance
- pH
- Viscosity (25°C) (mPa.s)
- Solids content (%)

#### Range

- White/translucent
- 7,9 - 8,9
- 25 - 500
- 37,5

### Formulations

#### Properties

- High wear resistance level.
- Excellent removable.
- High chemical resistance level.
- High Black Heel Mark resistance level.

#### Specifications

- Solids (%): 25,1
- pH (25°C): 8.2
- Visco DIN4 (s): 14

## Neocryl® A-550

### Non film forming pure Acrylic coploymer

- Not film forming, but dries into a very hard powder residue which is easy removable with vacuum cleaners.
- In combination with detergents in carpetcleaners and rug shampoos.
- Compatible with various emulsifiers.



## Floorpolish raw materials

### Coalescents

- MDG (methyl di glycol) → Fast drying
- EDG (ethyl di glycol) → Moderate drying
- BDG (butyl di glycol) → Slow drying
- **Dowanol™ DPM** Glycol Ether → Moderate drying
- **Dowanol™ DPnB** Glycol Ether → Slow drying

### Plasticizer

- TBEP/KP 140 → Phosphate plasticizer

### Waxes

- AQUACER 1075
- AQUACER 528
- AQUACER 593
- AQUACER 595



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<sup>1</sup>Please see the "Guidance on Use of Covestro Products in a Medical Application" document.  
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