



# PC-Deccotex®

## Texture Coatings

PC-Deccotex® provides premium eco friendly decorative finishing products, including the PC-Deccotex® Textured Coatings available in acrylic, silicone, and elastomeric variants. These coatings are versatile, durable, and designed to withstand extreme conditions worldwide.

### TYPES OF DECOTEX

- The durability of the **PC-Deccotex® Acrylic** range is derived from its utilization of high-performance acrylic resins, meticulously graded fillers, and additives that effectively inhibit fungal and algal growth.
- The **PC-Deccotex® Sil** range, featuring silicone, is recognized for its notable ability to resist dirt build-up and its exceptional vapor permeability, facilitating efficient substrate ventilation.
- Noteworthy for its elastic properties, the **PC-Deccotex® Flex** range (elastomeric) excels in performance by providing outstanding flexibility to accommodate substrate movement and minor cracks, rendering it particularly suitable for renovation endeavors.

### PERFORMANCE OPTIONS

In any textured wall coating or paint, the choice of resin used is a crucial element that impacts the product's quality and performance in varying climatic conditions, such as hot, humid, or freezing weather.

The **PC-Deccotex® Textured Coatings** range, showcased in the following pages, offers three grades or performance options: acrylic, silicone, or elastomeric-based, each tailored to specific performance criteria.

The performance options highlighted on the **PC-Deccotex®** pages are:

- **PC-Deccotex® Acrylic:** Formulated with acrylic resins
- **PC-Deccotex® Sil:** Formulated with silicone resins
- **PC-Deccotex® Flex:** Formulated with elastomeric resins

Selecting the right performance option from PC-WC range of protective and decorative finishes can be challenging due to the variety of acrylic, silicone, and elastomeric resin technologies used. Understanding the unique benefits of each resin type is key to making an informed decision. Here are the performance features of each resin:

### ACRYLIC BASED

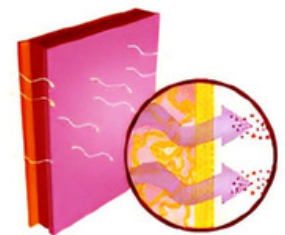
- Shields against UV light and weather elements.
- Permits the substrate to breathe.
- Offers exceptional flexibility.

### SILICONE BASED

- The durability of the coating systems surpasses that of traditional resins by up to 50% owing to enhanced vapor permeability.
- The surface maintains its cleanliness for prolonged durations, attributed to its outstanding dirt pick-up resistance, consequently extending the re-coating intervals.
- Improved mold resistance and remarkable water repellency further elevate the longevity and aesthetic appeal of the finish.



Water repellent



Breathable



Stain resistant

### ELASTOMERIC BASED

- Enhanced film flexibility facilitates effective crack bridging within the coating system.
- Optimal film flexibility across diverse temperature ranges ensures operational efficacy, even in sub-zero environments.
- The surface cross-linking system significantly boosts resistance to dirt accumulation, surpassing that of other flexible systems.

### FLEXIBILITY TEST

Testing the elasticity of an elastomeric product under different temperature conditions serves as a valuable demonstration of the performance characteristics of **PC-Deccotex® Flex** products, as illustrated in the images below.



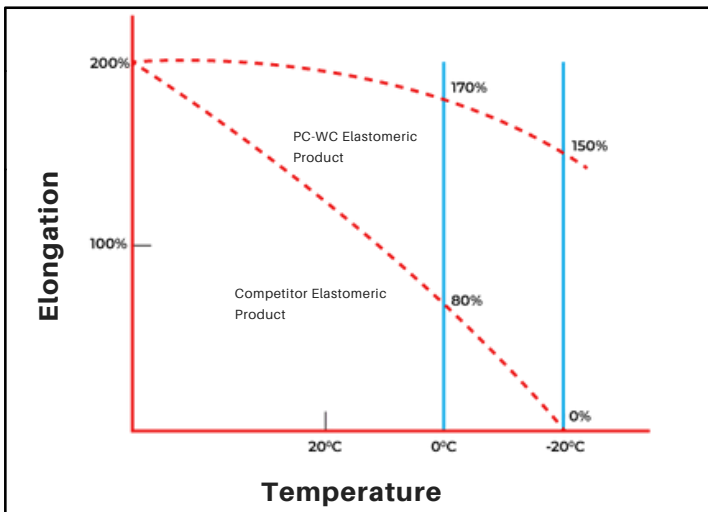
At -20°C, a **PC-Deccotex®** elastomeric product retains its flexibility.



At -20°C, a conventional elastomeric product loses its flexibility.



PC-WC's elastomeric product retains its flexibility when reverting to 20°C.



Low Temperature Flexibility Test

Both products exhibit comparable flexibility under standard room temperatures. Nevertheless, when subjected to -20°C conditions, PC-WC's elastomeric coatings demonstrate superior performance compared to rival products. This advantage stems from its distinctive surface cross-linking system, which creates a resilient micro-layer, reducing surface adhesion and preventing the accumulation of debris. Furthermore, the product retains its initial flexibility upon returning to 20°C. A visual contrast highlights the elongation properties of PC-WC's elastomeric formula in contrast to a competitor utilizing conventional elastomeric resins.

The forthcoming pages will introduce you to the diverse array of **PC-Deccotex®** Textured Coatings, demonstrating different application methods and illustrating how they can provide unique style options to enhance any architectural design.



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TECHNICAL DATA SHEET UPDATED IN  
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 TDS/PC-DECCOTEX®20

All technical data in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

The information, particularly the recommendations relating to the application and end-use of PC-WC products, are given in good faith based on PC-WC's current knowledge and experience of the products when properly stored, handled and applied under normal conditions by PC-WC recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or any other advice offered. The user must test the product's suitability for the intended application and purpose. PC-WC Global FZ-LLC reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our website [www.pc-wc.com](http://www.pc-wc.com)