

### What Does It Measure?

The Corneofix® is a special foil **collecting corneocytes** (flakes of dead skin cells). The number, size and thickness of the corneocytes on the foil indicate the **desquamation/hydration level** of the stratum corneum. Many thick, large corneocytes can only be collected when the skin is dehydrated or even damaged. Well moisturized skin shows small regular flakes on the foil.

### The Measuring Principle

The adhesive side is applied to the skin area to be measured. On removing the tape from the skin, the corneocytes will **stick to the tape**.

### Fields of Application

- In cosmetology for **formulation, efficacy testing and claim support**, the moisture content of the skin is one of the most important parameters.
- The Corneofix® is perfectly suitable for **skin surface strippings** in various applications. The collected desquamation is evaluated chemically or spectrometrically for **protein content** or any other **bioassays**.

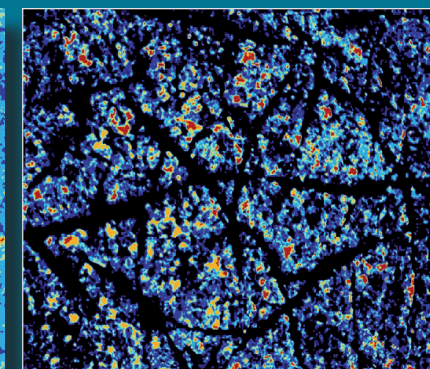
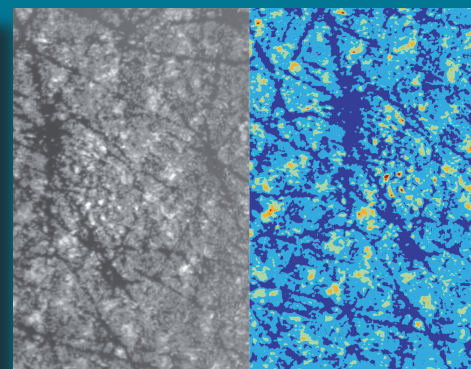
### Advantages

- The method is quick, easy and **economical**.
- Different **sizes** and shapes:
  - **Corneofix® F 20**, square-shaped (20.0 x 19.5 mm) in a convenient dispenser (100 pcs.)/ or on roll (2000 pcs.)

- **Corneofix® D 104** (14 mm Ø), disk-shaped on a roll (5000 pcs.)
- **Corneofix® D 100** (22 mm Ø), disk-shaped on a roll (5000 pcs.) or in a dispenser box (500 pcs.)
- **Corneofix® D 102** (30 mm Ø), disk-shaped on a roll (5000 pcs.)

The Corneofix® F 20 is the perfect addition to the **Visioscan®** skin camera. With the software, the number, size classes and area covered with flakes can be evaluated as well as a **desquamation index**.

- **Numerous studies** have been performed with this interesting tool.
- An optional **pressure-aid-instrument** applies constant contact pressure of the tape on the skin enhancing the **reproducibility** of measurements.



	Area %	Area mm²
Class 1	16,60	13,28
Class 2	9,39	7,51
Class 3	3,99	3,19
Class 4	2,21	1,76
Class 5	0,85	0,68
All	33,04	26,42
Desquamation Index		24,35

### Technical Data

Dimensions: Corneofix® F 20: 20 mm x 19.5 mm; Corneofix® D 104: 14 mm Ø; Corneofix® D 100: 22 mm Ø; Corneofix® D 102: 30 mm Ø Thickness: 0.1 mm  
 corresponding pressure-aid-instrument for optimal pressure of 2.2 N: pressure surface: 2 cm x 2 cm; or Ø 1.6 cm; 2.4 cm; 3.2 cm  
 The foils present no hazard to the skin.

Technical changes may be made without prior notice.

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