

### 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**.

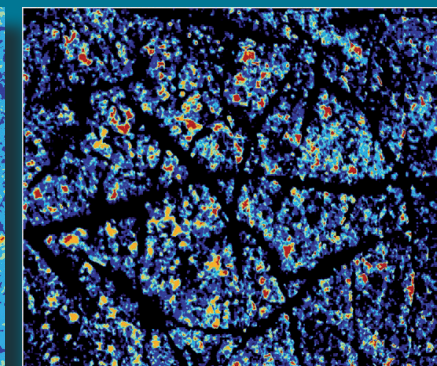
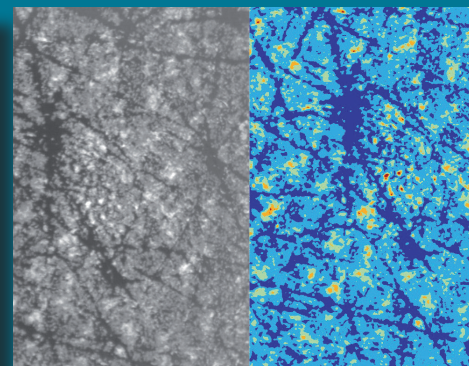
### Fields of Application

- 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.

### Advantages

- The method is quick, easy and **economical**.
- Different **sizes** and shapes:
  - **Corneofix® F 20**, square-shaped (2.00 x 1.95 cm) in a convenient dispenser (100 pcs.)/ or on roll (2000 pcs.)
  - **Corneofix® D 100** (22 mm Ø) or
  - **Corneofix® D 102** (30 mm Ø), disk-shaped on a roll (5000 pcs.) or in a bag (1000 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: 2.00 cm x 1.95 cm; Corneofix® D 100: 22 mm Ø ; Corneofix® D 102: 30 mm Ø

Thickness: 0.1 mm

Pressure-Aid-Instrument: Length: 10 cm, weight: 28 g, pressure surface: 2 x 2 or 3 x 3 cm

The foils present no hazard to the skin.

Technical changes may be made without prior notice.

Courage+Khazaka electronic GmbH since 1986  
Mathias-Brüggen-Str. 91 · 50829 Köln · GERMANY

phone +49 221 95 64 99 0 · fax +49 221 95 64 99 1  
info@courage-khazaka.de · www.courage-khazaka.de

