

# Information sheet

## Measurement of Peel Adhesion 90°

according to FINAT FTM 2

Optional for ZIEGLER-FT series devices

## Sample preparation

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The peel strength according to Finat FTM 2 is defined in the same way as the peel strength according to Finat FTM 1, but with a peel angle of 90°. The peel strength of label material depends on the peel angle. Often there is a minimum peel strength at a peel angle of 90°.

Measurement type I (90°) is therefore best used if the label material tears with measurement type A (180°) and if a measurement result without a material tear is required.

The roller peeling device (additional equipment) is required to carry out measurement type I.

## Cutting the samples

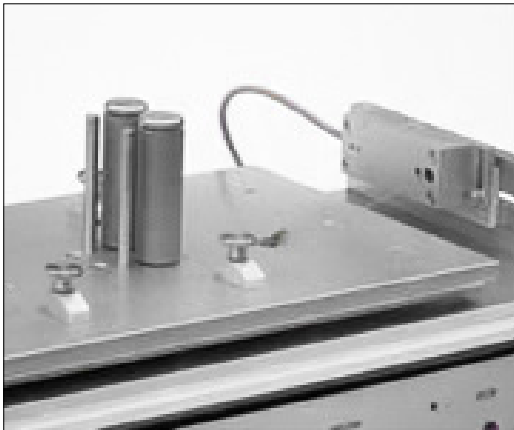
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1. Use a strip cutter in good working order to cut the samples. All cut edges must be free of damage and must be exact, parallel and straight.
2. Cut at least three strips 25 mm wide and at least 175 mm long (samples).
3. In the case of roll material, the longitudinal direction of the sample is parallel to the running direction of the roll. If appropriate sampling is not possible - indicate this with the test results.
4. Samples shall be taken at random from the bonded composite material to be tested and in such a way that they can be considered representative of the bonded composite material. With regard to correct sampling, reference is made to DIN-ISO 186-1982.

## Installation of the roller peeling device

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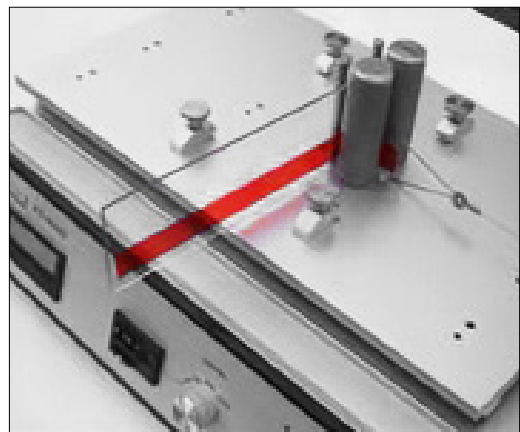
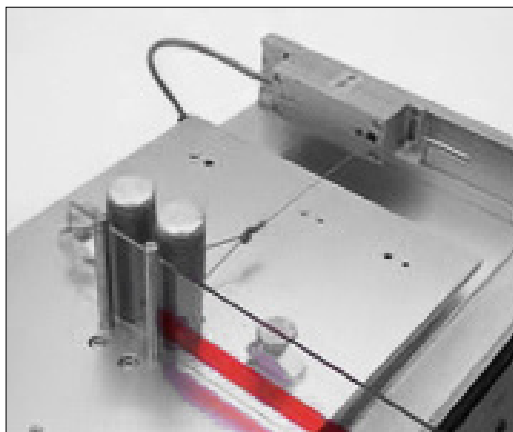
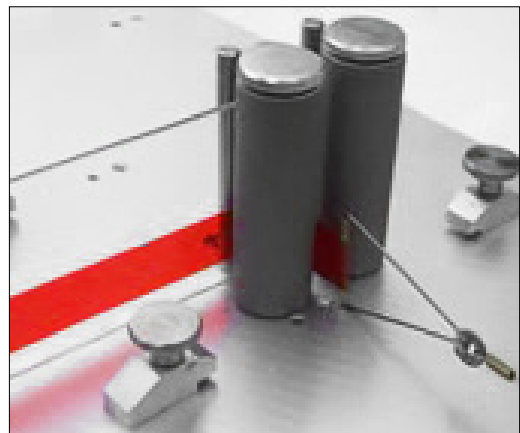
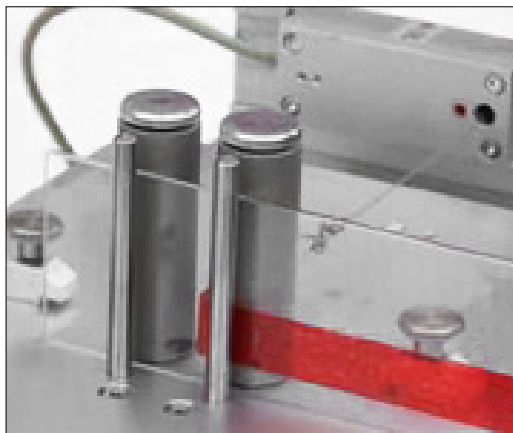
1. The roller peeling device and the associated support pins are inserted into the corresponding threaded holes in the sample table and screwed tight.
2. Align the height of the load cell –
3. Loosen hexagon screws
4. Bring the load cell to the top position
5. Tighten hexagon head screws For the number of roll-overs, observe the specification of the individual FINAT measuring method.



## Installation of the test unit

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1. The test panel is inserted, sample facing towards the loading cell, between the roller peeling device and support pins with the free end of the sample being pulled through the roller nip.
2. Fasten the free end of the sample to the sample triangle



## Manufacturer and Copyright

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