

Base plates (bite plates)

Materials & Accessories

Fabrication:

- Erkoplast PLA-R, 1.5
- Wax bite rims for bite plates (hard 75 63 00, medium 75 63 02, soft 75 63 03).

Model preparation:

- Erkogum (110 844) for blocking out and for covering the residual teeth, high-fusing wax (725 080) for filling bubbles in the plaster.

Finishing:

- Fissure bur, rightward cutting, left spiral (110 836), coarsely crosscut tungsten carbide bur (110 833) for grinding and Liskosil-I (223 240) for smoothing the edges.

Hints

- Model areas (exterior vestibulum, oral floor) which obstruct the thermoforming process have to be removed. Remove sharp plaster edges.
- Carefully block out residual teeth and undercuts.
- If the models are placed into the granules, trimming the models is not necessary.

Thermoforming material: Erkoplast PLA-R, rose, 1.5 mm

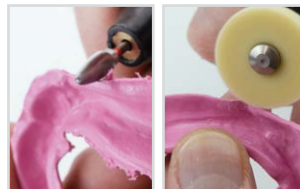
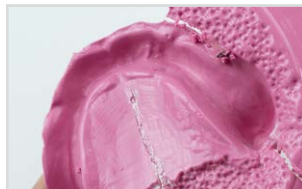
- 1.** Block out residual teeth and undercuts with Erkogum.

Recommendation: Embed the model so far into the high grade steel granules that the tooth alignment plus 3 mm protrude from the granules.

- 3.** Thermoform and allow to cool down

- 5.** Cut out the desired shape with a fissure bur (110 836), possibly mark it before.

- 7.** Finished base plate (bite plate).



- 2.** If the model is placed onto the model disc, put the black rubber spacing ring around the flat trimmed model base.
For better removal put some Erkogum to the rubber ring.

- 4.** Remove thermoformed plate.

- 6.** Use the coarsely crosscut tungsten carbide bur (110 833), (>15 000 rev/min) to work on the final shape and the edges.

Smooth the edges with Liskosil-I (10 000 rev/min).

- 8.** Finished base plate (bite plate) with wax bite rim.