Bleaching and fluoride trays

Materials & Accessories

Fabrication:
- Recommendation: Erkoflex-bleach, 1.0 mm, Erkoloc-pro 1.0 mm (all with insulating foil)
- Erkoskin (625 050) as spacer for bleaching trays (brush or spatula for application)
- Erkolen, 1.0 mm as spacer for fluoride trays

Model preparation:
- Erkogum (110 844) for blocking out, high-fusing wax (725 080) for filling bubbles in the plaster.

Finishing:
- HSS twist drill (110 876) or scissors (220 300 / 220 301) to precisely cut out the desired shape. Liskosil-l (223 240) or Lisko-S (223 200) and Liskosil-m (223 230) or Liskoid (223 205) to smooth the edges.

Hints

- Model areas (exterior vestibulum, oral floor) which obstruct the thermoforming process have to be removed. Remove sharp plaster edges.
- Erkoskin as spacer results per application in an app. 0.2 mm thick layer. Erkoskin has to be dry before thermoforming (app. 5 min. on plaster).
- If Erkoskin is applied with a brush, immediately rinse the brush with water.

Bleaching tray

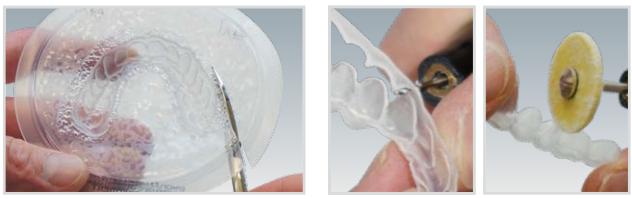
Thermoforming material: Erkoflex-bleach, 1.0 mm, Erkoloc-pro 1.0 mm
Always thermoform together with the ex works applied insulating foil showing towards the model.

1. Apply Erkoskin as spacer with a fine brush (afterwards immediately rinse the brush) or with a small spatula.

2. Embed the model so far into the high grade steel granules that the tooth alignment plus 3 mm protrude from the granules. Cover the granules with a cover template. Thermoform and allow to cool down.

3. Remove the plate from the model and cut out the the bleaching tray with the scissors or with the HSS twist drill (>20 000 rev/min).

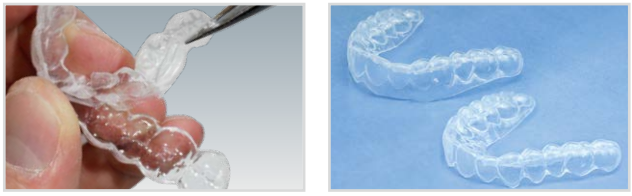
Scissors if the final shape of the bleaching tray shall have a rather ...



4. ... straight line at the gingiva. HSS twist drill if the final shape shall follow the gingival margin.

If necessary, smooth the edges with Liskosil-m (10 000 rev/min).

5. Pull off the insulating foil, in order to avoid deformations again and again follow up the splint.



6. Finished bleaching trays out of Erkoflex-bleach, 1.0 mm.

Pay attention to the cleaning and maintenance instructions.

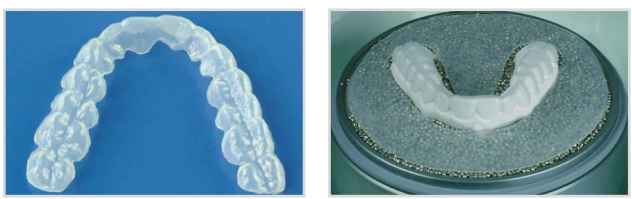
Fluoride tray

Thermoforming material: see above, Materials & Accessories.

7. Thermoform Erkolen, 1.0 mm as spacer. Embed the model so far into the high grade steel granules that the tooth alignment plus 3 mm protrude from the granules. Cover the granules with a cover template.

8. Precisely cut out the spacer along the gingival margin using the scissors or the HSS twist drill (> 20 000 rev/min).

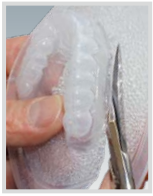
9. Put the finished spacer back onto the model and thermoform the fluoride tray onto it.



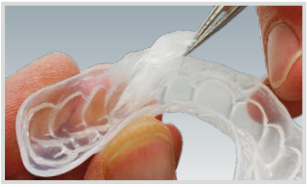
10. Embed the model so far into the high grade steel granules that the tooth alignment plus 10 mm protrude from the granules. Cover the granules with a cover template.

11. Thermoform and allow to cool down.

The fluoride tray passes the gingival margin with 6 - 8 mm, cut out accordingly with the scissors.



13. Pull off the insulating foil, in order to avoid deformations again and again follow up the splint.



12. If necessary, smooth the edges with Liskosil-l (10 000 rev/min).

Remove spacer out of Erkolen, in order to avoid deformations, again and again follow up the splint.

14. Finished fluoride tray out of Erkoflex-bleach, 1.0 mm.

Pay attention to the cleaning and maintenance instructions.