

Application	Material recommendation
Base plates	Erkoplast-R/-O, 1.5 and 2.5 mm, hard
Bite plates	Erkoplast-R/-O, 1.5 and 2.5 mm, hard
Bleaching trays	Erkoflex-bleach, 1.0 mm, soft
Bruxism splints	see occlusal splints
Compression plates	see dressing plates
Copings	Erkodur, 0.5-0.8 mm, hard Erkolen, 0.5-0.8 mm, elastic
Cosmetic splints	Erkodur-A1/-A3, 1.0 and 2.0 mm, hard
Denture bases	Erkocryl, 2.0 and 2.5 mm, hard
Dressing plates	Erkocryl, 1.5 and 2.0 mm, hard Erkodur, 1.0-2.0 mm, hard Erkodur-bz, 2.0 mm, hard
Duplication moulds	Erkoflex, 3.0 - 5.0 mm, soft
Fluoride trays	Erkoflex, 1.5 and 2.0 mm, soft Erkoflex-bleach, 1.0 mm, soft
Functional trays	Erkoplast-O, 3.0 (upper), 4.0 mm (lower) Erkorit, 2.5 (upper), 3.5 mm (lower), hard
Gingival dressings	Erkolen, 1.0 and 1.5 mm, elastic
Individual impression trays	Erkoplast-O, 3.0 (upper), 4.0 mm (lower) Erkorit, 2.5 (upper), 3.5 mm (lower), hard
Insulating/spacer foils (for the casting technique)	UZF-Plus, 0.1 mm (UZF-Cast, 0.1/0.15 mm)
Interim prosthesis	Erkocryl, 2.0 and 2.5 mm, hard
Medication trays	Erkoflex, 1.5 and 2.0 mm, soft Erkoflex-bleach, 1.0 mm, soft
Michigan splints	Erkodur, 1.5-5.0 mm, hard Erkodur-bz, 2.0 mm, hard
Occlusal splints	Erkoloc-pro/ <i>blu</i> , 2.0-5.0 mm, soft/hard Erkodur, 1.5-5.0 mm, hard Erkodur-bz, 2.0 mm, hard Erkodur-A1/-A3, 1.0 and 2.0 mm, hard Erkoflex-95, 2.5 and 4.0 mm, soft Erkolign, 2.0 mm, tough-hard Erkoloc-pro/ <i>blu</i> , 2.0-5.0 mm, soft/hard
Playsafe sports mouthguards	Erkoflex, 2.0 and 4.0 mm, soft Erkoflex-bz, 2.0 mm, soft Erkoflex-color, 2.0 and 4.0 mm, soft Erkodur-S, 0.8 mm (heavy-/light-pro), hard
Radiation protection splints	Erkoflex, 4.0 and 5.0 mm, soft Erkoflex-95, 4.0 mm, soft
Silensor-sl anti-snoring device	Erkodur, 2.0 mm, hard Erkodur-bz, 2.0 mm, hard Erkoloc-pro/ <i>blu</i> , 3.0, mm, soft/hard
Spacer for medicaments	Erkolen, 1.0 mm, elastic
Stabilization splints	Erkodur, 1.0 mm, hard Erkodur-A1/-A3, 1.0 mm, hard Erkolign, 1.0 mm, tough-hard Erkoloc-pro/ <i>blu</i> , 2.0 mm, soft/hard
Temporary appliances, combined	Erkodur-C, 0.6-1.0 mm, clear, hard Erkodur, 0.6 -1.0 mm, clear, hard Erkodur-A1/-A3, 0.6 mm, hard
Temporary appl., only mould	Erkolen, 0.8 and 1.0 mm, elastic
Usig friction-generating coping	Usig-Foil 0.5 mm

Implantology	
Drilling-, planning and X-ray templates	Erkodur, 1.0-3.0 mm, hard Erkodur-bz, 2.0 mm, hard
Protection splints	Erkodur, 1.0 mm, hard Erkoflex-95, 1.5 mm, soft

Orthodontics	
Bracket transfer/etching masks	Erkolen, 0.8 and 1.0 mm, elastic
Bracket transfer splints	Erkoflex, 1.5 and 2.0 mm, soft
Correction splints	Erkodur, 1.0 and 1.5 mm, hard Erkolign, 1.0 mm, very tough
Extension plates	Erkocryl, 2.0 and 2.5 mm, hard
Orthodontic plates	Erkocryl, 2.0 and 2.5 mm, hard
Positioners	Erkoflex, 3.0-5.0 mm, soft
Retainers	Erkodur, 0.6-2.0 mm, hard Erkodur-bz, 2.0 mm, hard Erkolign, 1.0 mm, very tough Erkoloc-pro/ <i>blu</i> , 2.0 mm, soft/hard
Retention plates	Erkocryl, 2.0 and 2.5 mm, hard

Instructions for cleaning and maintenance

The appliances (splints) fabricated out of thermoforming materials should be cleaned and maintained as follows:

- Cleaning agents: soap, curd soap, liquid soap and dish-washers. Do not use any strongly perfumed soaps. Not suited are: tooth-paste (contains abrasive particles), mouth-wash (can cause discolouring) and water that is hotter than 50 °C (deformation). Cleaning agents for dentures can be used but do not have any advantage.

After use:

- Well wash with water.
- Best is to thoroughly clean the inner and exterior side of the splint with a toothbrush and soap.
- Again well wash with water.
- Shake off the water or dry with a towel.
- Never blow-dry - deformation!
- Very important: Allow the splint to completely dry! Keep at a dry place, at best in a box like the Erkobox (215 030) or Splintbox (214 020) that has aeration holes.
- Again wash with water before using it.

Generation of bad smells

If after some time the splint has adopted a strong smell, additionally put the splint for one hour in a non-perfumed, concentrated soap solution, afterwards thoroughly wash with water.

Such a soap sud removes most of the smell generating bacteria.

Discolouring

Soft thermoforming materials have the tendency to discolour. This intake of colour pigments can be reduced or avoided by a careful maintenance but it cannot be reversed. Mouth-washes and amalgam fillings can also cause discolouring.

Disinfection

With the exception of Erkoloc and Erkoloc-pro all thermoforming materials can be disinfected with disinfection alcohol and other commercial liquids. Erkoloc and Erkoloc-pro have to be stored for app. 5 hours at a dry place without any pressure on it after having contact with alcohol in order to ensure that the alcohol can evaporate completely. Otherwise a bonding of the hard and soft layers is no longer guaranteed.

Sterilisation

A sterilisation with gas and plasma (< 50 °C) is possible. As a result of the thermolability the materials are not autoclavable.

Further hints see inside, page 2.



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