

DURASOFT® seal

Hints for use

Properties: DURASOFT® seal is a top quality compound material fabricated by a special extrusion process. DURASOFT® seal consists of hard thermoplastic polyurethane (TPU). DURASOFT® seal is intended for lamination with DURASOFT® in order to avoid discolorations of DURASOFT® splints. Thanks to DURASOFT® seal the inner surface of these splints is resistant against discolorations and this thin layer DURASOFT® seal layer offers a perfect protection for the soft side of DURASOFT®. The soft inner surface feel of DURASOFT® splints is not affected by the thin layer of DURASOFT® seal.

If processed correctly, a separation of the compound of DURASOFT® seal and DURASOFT® can be excluded.

DURASOFT® seal is available in 0.1mm. Like all SCHEU-DENTAL pressure moulding blanks, the components of DURASOFT® seal have been tested acc. to the international guidelines ISO 10993 and ENISO 7405 with the result that they have been released for clinical use.

Application: The plaster model has to be insulated with ISOFOLAN® foil first. Cut the ISOFOLAN® foil to the required shape of the splint and perforate interdentally/occlusally with a probe/scalpel to avoid air bubbles. Now the insulated model is being embedded into **pellets** and coated with DURASOFT® seal. For code and heating time please refer to the imprint on the label. Then proceed with cutting the moulded DURASOFT® seal with SD foil scissors to the required extension of the splint and perforate it with a scalpel in the area beneath the interdental papilla. Please make sure not to make any perforations within the area of the splint extension, as this might affect the protective effect of the DURASOFT® seal. Embed the model once again in the stainless steel pellets and insert a DURASOFT® blank in the required thickness, heat it and mould it over the plaster model with DURASOFT® seal. Thanks to heat and pressure, the soft side of DURASOFT® and the DURASOFT® seal bond together and build a perfect lamination.

Adjusting: If an **adjusted bite splint** is required, **cold cure resin**, e.g. DURASPLINT®, can be added to the hard layer (PC). To avoid thermal stress / tensions the moulded splint is not yet finally finished; first, the bonding agent DURASPLINT® Monomer (REF 3259) has to be applied twice to the occlusal surface before applying the mixed DURASPLINT® resin on the moist monomer. Polymerisation is done according to the instructions of the supplier, only after this process the splint is finally finished and removed.

Finishing: For final finishing and trimming, we recommend the finishing set (REF 3378). The set provides for example the HM-carbide cutter (REF 3369) and the cutting bur (REF 3214) for coarse cutting of splints. For fine interdental finishing of splints, we recommend the HM-tricutter (REF 3370). Final trimming and polishing can be most effectively done with the POLYFIX black (REF 3371) or the OSAMU-polisher (REF 3247). For final trimming and polishing of hard/soft foils as well as for final finishing of the soft splint parts, we recommend using DIMO®, DIMO®PRO (REF 3380-3384) and DIMO®PRO SLIM (REF 3376).

Material Care: Please advise your patients to clean the splint carefully. We recommend daily cleaning with our CETRON® products. Alternatively, splints can be cleaned with tooth brush, toothpaste and clear water/mouthwash. In order to avoid modifications and staining, please don't use cleansing agents containing colorants. Please don't use neither steam blasting and ultrasonic devices, nor prosthetics cleansing agents or any other cleansing method with a temperature exceeding 70°C. Due to contact with individual mouth environment, lack of hygiene, strong aromatic food and drinks such as nicotine, coffee, tea, coke and pharmaceuticals, splints may change their color, taste and smell. Moreover, please don't use aromatic hydrocarbons such as benzene, aliphatic alcohols, toluene, ethanol, acetone etc. for cleaning. Some products on herbal basis used for temporary treatment of algetic and inflammable conditions of the oral mucosa, especially vesicles as well as for symptomatic treatment of gingivitis may lead to strong discolorations, maceration and destruction of the resin and should be strictly avoided (e.g. PYRALVEX®). Discolorations may occur, too, in case of interactions of filling materials and prosthetics (e.g. amalgam, molybdenum of chromium cobalt and alloys with a reduced content of precious metals.) Please contact your dentist immediately in case of any modification of your splint.

DURASOFT® seal

10 pc.

Description

125 mm ○

120 mm ○

DURASOFT® seal (clear)

REF 3338.1

REF 0817.1

DURASOFT® seal (blue)

REF 3339.1

REF 0818.1

DURASOFT® seal (magenta)

REF 3337.1

REF 0819.1

