

BIOCRYL® Form X

Hints for use

Properties: BIOCRYL® Form X is a tough elastic radiopaque pressure moulding material made of polyethylene (LDPE). Since the material is not hygroscopic, it doesn't require predrying before pressurising. BIOCRYL® Form X has been tested according to the International Standards ISO 10993 as well as EN ISO 7405 in terms of cell biology with the result that it has been released for clinical purposes.

Application: BIOCRYL® Form X is indicated for 3D planning in oral implantology. The material fits closely to the teeth surface showing crisp and distinct outlines on the CT scan image. This helps determine the correct drilling angle for the implant and the exact positioning of the prosthetic restoration.

Model preparation: The trimmed model has to be measured and strong undercuts below the tooth equator and the papilla have to be blocked out before pressure-moulding using BLUE-BLOKKER® or SIL-KITT. Thus, a good friction of the splint without sticking to profound undercut is ensured and the splint can be easily removed.

Model insulation: We recommend using spacer foil (REF 3202) for model insulation. The spacer foil of 0.1 mm thickness provides a smooth model surface enabling easy removal and reinsertion of the splint and prevents plaster abrasion from being transferred to the inner side of the splint. The trimmed model can be placed on the model platform. After pressure-moulding, the spacer foil is cut at the model bottom using a scalpel. In order to enhance the adaptation and friction of the splint, small interdental incisions should be made. It is recommended to make some additional palatal perforations to exclude any air inclusions.

Pressure-moulding BIOCRYL® Form X:

The model insulated with spacer foil is embedded in the pellets with the gingival margin protruding for approx. 5 mm. To prevent the pellets from sticking to the material, we recommend using the pellet covers, available in two sizes (REF 3006 large and REF 3007 small). In order to reach best moulding results we recommend a maximum pressure of 4 bars.

Finishing the splint: The extension of the splint is determined by the dentist or oral surgeon. In some cases it might be indicated that the extension of the splint exceeds the gingival margin to be cut off smoothly. The area of ligaments should be left out. It is also possible to finish the splints following the shape of the dental arcade. We recommend using the finishing set (REF 3378). The splints can be roughly cut with HM carbide cutter (REF 3369) or cutting bur (REF 3214). The tricutter, fine (REF 3370) is specifically designed for precise finishing, in particular of the interdental spaces. POLYFIX, brown (REF 3371) and OSAMU polisher (REF 3247) are ideally suited for final finishing and polishing. The trimming wheels DIMO®, DIMO®PRO (REF 3380-3384) and DIMO®PRO SLIM (REF 3376) are equally destined for polishing and smoothing. When finishing, make sure the splint margin shows no sharp edges to prevent predetermined breaking points.

Cleansing/Care: We recommend our CETRON® cleansing and care products for splints made of BIOCRYL® Form X.

Delivery program:

BIOCRYL® Form X 1.5 x 125 mm Ø	REF 3148
CETRON® Care Set	REF 3236
CETRON® Cleansing Powder	REF 3237
CETRON® Care spray	REF 3238

