

Properties:

BIOCRYL® C is a break-resistant acrylic material of pure PMMA. The material is monomer-free, without allergenic irritants and bonds to acrylic. All available material thicknesses are already pre-dried ex works and vacuum-packed in a foil bag for immediate use. Airtight sealing is recommended, as the material is hygroscopic which might lead to the formation of air bubbles during heating. BIOCRYL® C has been tested and approved in terms of cell biology and in accordance with the international standards ISO 10993 and EN ISO 7405.

Applications:

BIOCRYL® C can be used for orthodontic plates, immediate dentures in the anterior region and retention plates.

Model Preparation:

Larger areas, as for example the sublingual area, should be protected with blocking out putty (REF 3220). Smaller undercuts can be blocked out using SIL-KITT (REF red 3442/REF 3443 transparent). ISOFOLAN® foil (REF 3207) is recommended for isolation, providing at the same time optimum transparency and an aesthetically smooth inner side of the splint that can be easily cleaned. Depending on the application, clasps and screws – if required – are fixed on the vestibular side with sticky wax. In case of preparing immediate dentures, the silicone matrix with the prepared teeth must be fixed, too.

Pressure moulding:

Embed the vestibular model parts up to the occlusal surfaces into the pellets. Mix BIOCRYL®-RESIN and apply it to the retentions or under the teeth in the last 20 - 30 seconds of the heating time. For complete polymerization, the cooling phase should be at least 300 seconds.

Finishing:

The cutting bur (REF 3214) is best suited for initial finishing. The clasps and the labial arch can be exposed using the finishing bur (REF 3377), made of a special soft alloy that will not damage the wire elements. The saw cut for the expansion screw is done with the set-up manual saw (REF 5372) or the diamond separating disc (REF 5288). For trimming and smoothing we recommend using DIMO® brown (REF 3382) and DIMO® green (REF 3383).

Cleansing/care:

Our CETRON® cleansing and care products are the best choice for orthodontic plates made of BIOCRYL® C.

More detailed information on the various applications can be found on www.scheu-dental.com/en/service

Note:

In case of already opened packages stored at places with high humidity, it might be necessary to predry the material at 70° C for one hour.

Delivery program:

BIOCRYL® C		125 mm Ø
2.0 mm	clear	REF 3147
2.0 mm	red	REF 3149
2.0 mm	blue	REF 3150
2.0 mm	yellow	REF 3151
2.0 mm	rose-transparent	REF 3152
3.0 mm	clear	REF 3153

