

M-PM-Disc, PMMA milling blank without fillers and fibres

tooth colour, pink colour, clear



(en) Instructions for use, please read carefully!

(USA) Caution: Federal law restricts this device to sale by or on the order of a licensed dental practitioner.

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Intended use

- **M-PM-Disc, tooth colour**, to fabricate resin crowns, bridges and frameworks for dentures in temporary, pre-prosthetic restorations in the anterior and posterior region
- **M-PM-Disc, pink colour**, to fabricate pink coloured denture bases for removable dentures
- **M-PM-Disc, clear**, to fabricate removable milled bite splints and drilling templates

Composition

M-PM-Disc, tooth colour, pink colour

- Polymethylmethacrylate (PMMA) and cross-linked polymers based on methacrylic acid esters
- Dyes
- Residual peroxide
- Methyl methacrylate (MMA) may be contained as residual monomer up to max. 1%.

M-PM-Disc, clear

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Notes for the user

Construction of M-PM-Disc, tooth colour

- Minimum wall thickness for crowns must not be less than 1 mm.
- In the construction of bridges with one pontic, the connection cross-section between the crown and pontic must not be less than 9 mm².
- In the construction of bridges spanning up to two pontics, the connection cross-section between crowns and pontics must not be less than 12 mm².
- By selecting the respective fixation system according to the indication, the user has to decide case-by-case whether the PMMA - OMP-N[®] material ensures sufficient chewing stability for the restoration.



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Construction of M-PM-Disc, pink colour

- Observe the minimum wall thickness for a standard denture base.

Veneering of PMMA frameworks (M-PM-Disc, tooth colour)

- A milled PMMA framework may be coated with conventional veneering materials. Materials based on MMA are preferable.
- When veneering with composites, the connection with the PMMA must always be made according to the respective manufacturer's specifications.

Trimming

- Cross-cut carbide burs suitable for resin or suitable cutting discs should be used to rework and separate frameworks and denture bases from the blank.
- To prevent inaccurate fitting after fabrication of the framework and production, avoid excessive heat development during trimming and polishing.

Restoration M-PM-Disc, tooth colour, pink colour, clear

Frameworks, full crowns and bridges, denture bases, bite splints, drilling templates, which have been fabricated from M-PM-Disc can be restored and supplemented at any time with all standard MMA-based cold-curing polymers, such as Combipress N/LM, Weropress® or artConcept®.

Fixation in the mouth (M-PM-Disc, tooth colour)

- for temporaries for long-term temporaries
- temporary cements - glass ionomer cements without bonding

Storage

- No special measures required.

Special notes

- Record the LOT number with every process that requires identification of the material.

Risk phrases

- Processing M-PM-Disc generates dust that can irritate the eyes, skin and airways. Therefore always ensure that the extraction on your milling machine is working correctly.

For detailed information see the applicable Material Safety Data Sheet Download at www.merz-dental.de

Disposal

- The M-PM-Disc is water-insoluble, inactive, does not pose a threat to groundwater and may therefore be disposed of with normal household waste.

The product properties are based on compliance with the instructions for use.

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