

2022 - 2023



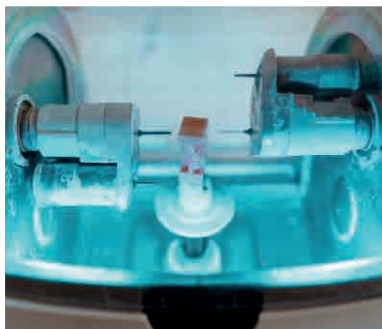
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[www.onurdental.com](http://www.onurdental.com)



**FSM DENTAL**

Professional Teeth production

*A Smile For Away*



# FOR PERFECT RESTORATIONS



## ABOUT US

Our FSM Dental company started our activity with the production of active set teeth in Ankara in 2021. After making certain progress in this field, we have expanded our product range by managing to produce composite-based isocide tool teeth as well.

With the knowledge we have gained from composite tooth production for many years, our company gained the availability to produce composite tooth filler. As a result of the research and development studies that lasted for about 7 years, our company managed to produce nano and micro-hybrid composites. Our product range has been greatly expanded with various derivatives of the composite, anterior, posterior, universal, flowable, bulk flowable, and orthodontic flow products.

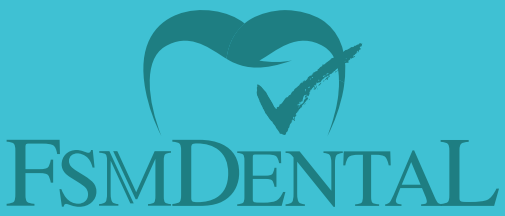
FSM Dental is very proud of the products that have passed successfully through every round of tests and of being the top ten company in Turkey that produces in this field. Participating in both domestic and foreign fairs, if necessary; the products of our company are attracting great attention and are taking confident steps in this area.

Our company always distributes the products it produces successfully and also continues research and development projects for new products.

Respectfully  
*FSM Dental*



# GET THE PERFECT SMILE



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# OUR PRODUCTS

## ADHESIVE

It is a one-component, one-stage universal bonding agent that has the only application which can be used in selective and total etching procedures, which is ray-polymerized with the power of adhesion.

## COMPOSITES

For professional dental use only. They are composite resin-based restorative materials that can be hardened with LED beam for anterior ve posterior restorations.

## ARTIFICIAL TEETH

Artificial teeth offer unique color features and natural aesthetics. Each front tooth provides five layers of IPN material with natural colors and three shades that create different aesthetic zones. Contains translucency and well-defined mamelones.

## CAD/CAM

PMM blocks are widely used to make temporary crown bridges.



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## COMPOSITE FILLINGS



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# MaxFill +<sup>®</sup> Universal

NANOHYBRID RESTORATIVE COMPOSITE

## DESCRIPTION

MaxFill is an ideal composite with excellent color harmony, exceptional usage properties, anti-plaque effect, and aesthetic appearance.

It integrates natural teeth' light transmission and reflection properties into the filling so that restorations almost equivalent to a natural tooth are obtained with a single layer.

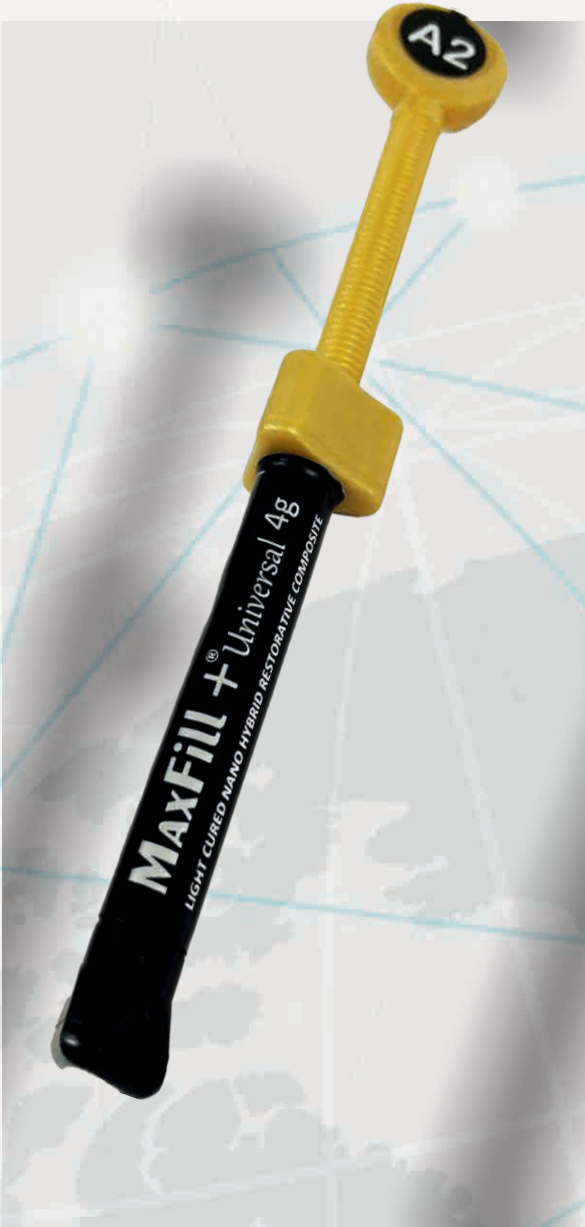
The glass fillers used as MaxFill raw material provide hardness equivalent to natural enamel, which is compatible and friendly with the natural tissues of the tooth. Therefore, the material is suitable for both anterior and posterior teeth.

## ADVANTAGES

- Light transmission and reflection like a natural tooth
- Color compatibility and continuity
- Anti-plaque effect
- Fluorescent features possessed by natural teeth
- Exceptional radiopacity
- Reliable endurance and long-term service life

## INDICATIONS

- Class I restorations of cavities
- Cervical erosion and root decay restoration
- Repair of broken incisal edges
- Veneer and post applications
- Direct correction of tooth shape



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the potential



# MaxFill +<sup>®</sup> Anterior

NANO HYBRID RESTORATIVE COMPOSITE

## DESCRIPTION

MaxFill is an ideal composite with excellent color harmony, exceptional usage properties, anti-plaque effect, and aesthetic appearance.

Nanohybrid composite material was developed for aesthetic results in the anterior areas. While imitating the translucency of tooth enamel, we can achieve excellent aesthetic results. The inorganic filler particles contained in it grow gradually starting from 0.02 microns and thus have acquired the ideal polishable property.

## ADVANTAGES

- Light transmission and reflection like a natural tooth
- Color compatibility and continuity
- Anti-plaque effect
- Fluorescent features possessed by natural teeth
- Exceptional radiopacity
- Reliable endurance and long-term service life

## INDICATIONS

- Class I restorations of cavities
- Cervical erosion and root decay restoration
- Repair of broken incisal edges
- Veneer and post applications
- Direct correction of tooth shape



Turkey

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# MaxFill +<sup>®</sup> Posterior

NANO HYBRID RESTORATIVE COMPOSITE

## DESCRIPTION

MaxFill is an ideal composite with excellent color harmony, exceptional usage properties, anti-plaque effect, and aesthetic appearance. It integrates natural teeth' light transmission and reflection properties into the filling so that restorations almost equivalent to a natural tooth are obtained with a single layer.

The glass fillers used as MaxFill raw material provide hardness equivalent to natural enamel, which is compatible and friendly with the natural tissues of the tooth. Provides ideal wear resistance. Offers high resistance to occlusal stresses.

Thus, long-term durable posterior restorations are obtained. It is indicated for direct and indirect posterior restorations. Ideal for use with Maxwill Bond Adhesive System. It is a posterior restorative that offers ideal use, fast application technique, and superior physical properties.

The filler contained in it provides aesthetic integrity by making optical reflections appropriate to the tooth color with the peculiarity of the filler particles it contains.

## ADVANTAGES

- It is used in the posterior area. It offers ideal fluidity and viscosity for class I and II restorations.
- Easy in usage, not sticky to hand tools.
- The dense consistency makes it easy to shape the occlusal surface and create contact points.
- 20 seconds of irradiation is applied to 2 mm layer.
- It has an excellent recoil feature so that dentists could apply it easily.
- It prevents the formation of myctocystitis by providing full adaptation to the tooth with low polymerization shrinkage. Not sticky to hand tools.
- Fast application technique saves time.
- For 20 mm layer, 20 seconds of irradiation is enough.



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# MaxFill<sup>®</sup> Universal

MICRO HYBRID RESTORATIVE COMPOSITE

## DESCRIPTION

MaxFill is an ideal composite with excellent color harmony, exceptional usage properties, anti-plaque effect, and aesthetic appearance.

It integrates natural teeth' light transmission and reflection properties into the filling so that restorations almost equivalent to a natural tooth are obtained with a single layer.

The glass fillers used as MaxFill raw material provide hardness equivalent to natural enamel, which is compatible and friendly with the natural tissues of the tooth. Therefore, the material is suitable for both anterior and posterior teeth.

## INDICATIONS

- For class I-V cavities
- In the reconstruction of traumatized anterior teeth
- In the aesthetic correction of form and color
- In the splinting of mobile teeth
- In veneer repair
- In the completion of damaged teeth
- In the completion of the crowns to be made
- In the composite inlay

## ADVANTAGES

- High filler rate
- Ideal physical features
- Tooth-like thermal behavior
- Minimal shrinkage
- Not sticky to hand tools
- Adaptable consistency/easy shaping
- Very good aesthetic restorations
- Very good color stability



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## DESCRIPTION

This fluid composite is the ideal complement of MaxFill composites; with its low viscosity and thixotropy, it is the ideal option for many indications.

It is a useful fluid composite with low shrinkage time and high bending strength, and also has very good polishing properties.

## INDICATIONS

- In small and non-deep cavity restorations (in class I, II, III, and V cavity restorations)
- In milk tooth restorations
- As a filler/base
- Repair of porcelain fractures and composite restorations
- As a fissure cover
- In undercut operations

## ADVANTAGES

- Excellent mechanical durability and reduced polymerization shrinkage.
- Easily shaped, fluid but non-sliding viscosity.
- Perfect decay detection.
- Aesthetic restorative material for universal use.
- Indications for anterior and posterior application, including base/base materials, and sealant.
- Natural light reflections.



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## DESCRIPTION

With the development of the bulk fill system, dentists have become to apply single-layer composite comfortably. This system provides not only low shrinkage stress but also effective light reflections for superior color harmony and aesthetics.

Specially designed glass filler materials provide naturalness with a chameleon effect on dentin and enamel with natural light transmission and reflection.

## INDICATIONS

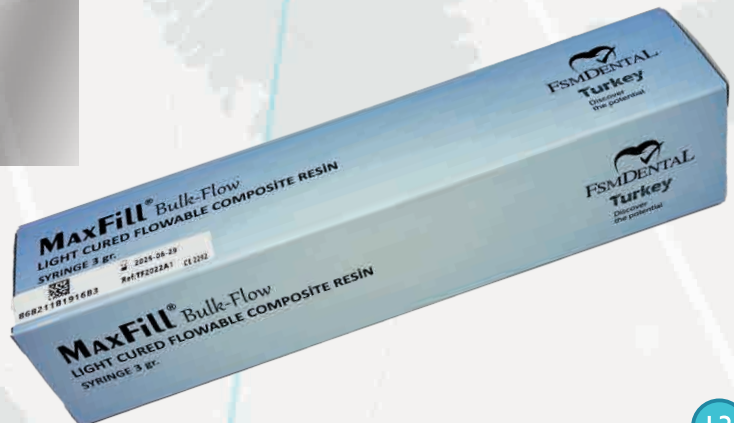
- Maxfill Bulk Flowable can be easily and precisely applied from the syringe. For class I and II cavities it is suitable as a baseliner (pedestal material) or as a lining and filling material for small posterior cavities.
- It is an excellent carcass production material and has high occlusal strength. Its smooth, non-sticky structure also makes it ideal for direct posterior restorations.
- Single-stage application, does not require an additional top-end layer.
- It offers excellent adaptability, manipulation, and formability without the need for expensive application devices.

## ADVANTAGES

- Low polymerization shrinkage and shrinkage stress
- Excellent hardening depth up to 4 mm thick
- The most accurate color matching (Chameleon effect)
- High radiopacity



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FOR YOUR  
HEALTH

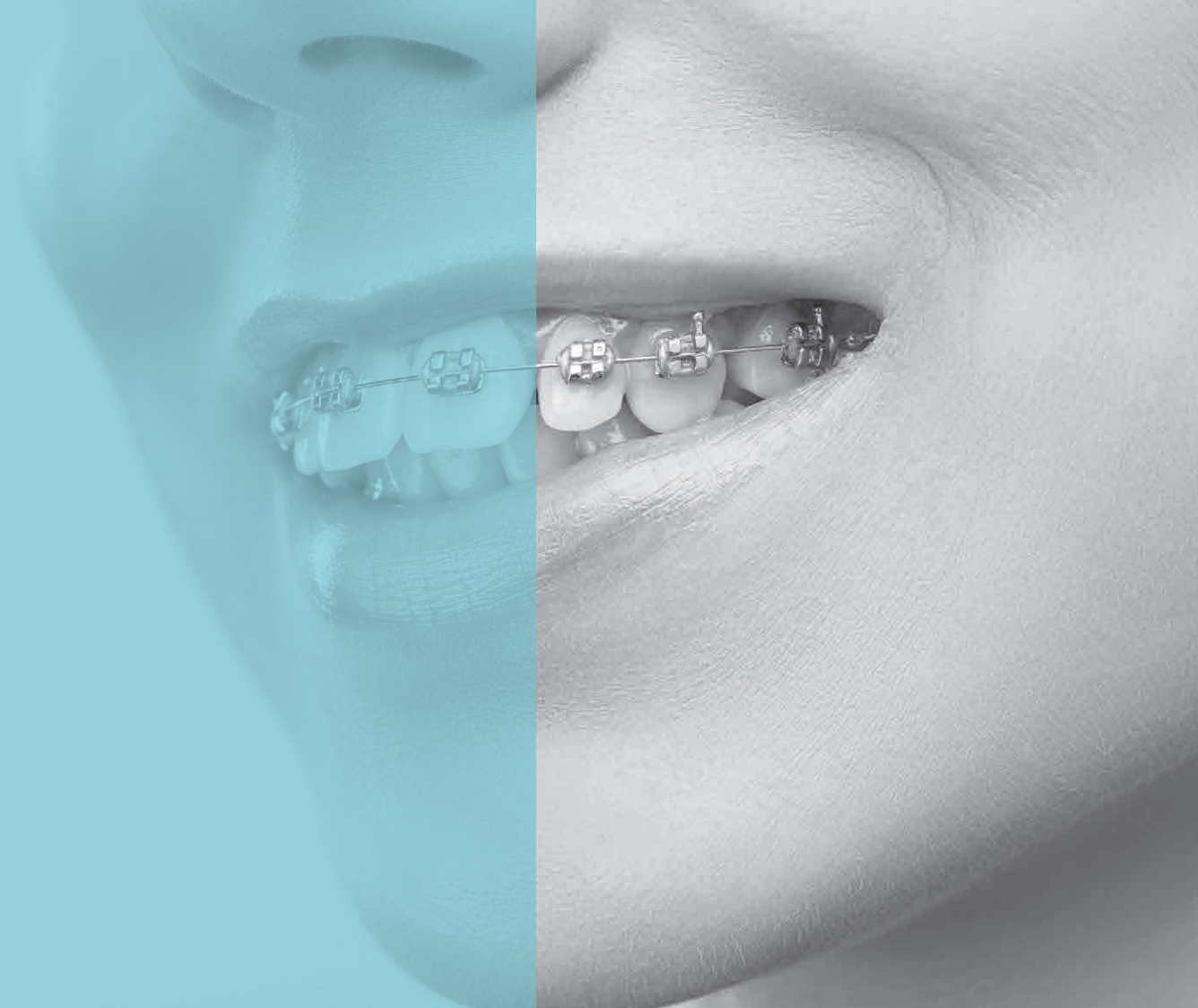


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# ORTHODONTICS



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# MaxFill<sup>®</sup> Ortodontic Flow

FLOWABLE COMPOSITE RESIN



## DESCRIPTION

MaxFill Ortodontic Flow, improved for tape and bracket bonding, based on a Nanohybrid composite, its viscosity is adjusted so that it can be easily filled into the pores of the adhesion surface of the bracket and prevents slipping during placement on the tooth.

It is an adhesive that is applied to the adhesion points of brackets for orthodontic use and hardened with light (light-curing).

## ADVANTAGES

- There is no self-adhesive feature, it is compatible with routine bracket bonding protocols.
- Provides special attachment that does not damage the enamel of the tooth.
- Fast and sufficient bonding strength
- It is the color of natural teeth

## INDICATIONS

- It can be applied on metal brackets, ceramic brackets, and composite brackets with mechanical adhesion to the main surface.
- Polycarbonate brackets, pre-primed brackets whose main surface is primed with PMMA or other primers, cannot be applied on composite brackets without mechanical adhesion to the main surface.



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**KIDS**



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# MaxFill +<sup>®</sup> Kids

NANO HYBRID RESTORATIVE COMPOSITE



## DESCRIPTION

MaxFill Kids is a beam-hardened nanohybrid restorative dental composite used for application on the primary teeth of children.

The difference from other composites is that its content is prepared in different dental colors containing color and sparkle pigments. It can be polymerized with halogen and led light sources.

## INDICATIONS

- Restorations of the primary teeth

## ADVANTAGES

- 6 different color options; simple and practical application thanks to 4gr tubes
- Economic
- Well polished
- Color scale is made according to the original product
- For children who decide on the color of their filling, it is fun to go to the dentist which provides easy cooperation with a doctor
- It helps children to easily come over their fears; sets are prepared with 6 pieces of a tube of 4 gr.



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**ADHESIVE**



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# MAX Bond

ONE COMPONENT  
LIGHT CURED UNIVERSAL ADHESIVE



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## DESCRIPTION

It is a multi-functional light-activated universal bonding system. Thanks to its special chemical structure, its superior adhesion resistance, one-component and clay application are its outstanding features.

It can be used directly for composite restorations and is also suitable for oral repair operations. Universal, single-stage, self-acid, adhesive, and bonding system. It acts by forming a thin film layer with a thickness of 5 microns. The thin film layer allows it to be used successfully in the anterior area as well.

Provides a strong bond strength to enamel, dentin, zircon, metal, and aluminum ceramics.

## INDICATIONS

- Direct restorations with light-cured composites
- Repair of broken restorations of light-hardened composites in the mouth
- Cementation of indirect restorations of resin cement contaminated with light or dual
- Core making with light and dual resin material

## ADVANTAGES

- High bonding to enamel and dentin
- Minimized sensitivity thanks to the HEMA and filler-free formulation
- Very thin (5 mm) film thickness with invisible edge scratches for aesthetic restorations
- Universal bonding system suitable for use with resin cement and resin core materials



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## ARTIFICIAL TEETHS



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### DESCRIPTION

Sefa is an acrylic dental group made of two chromatic layers containing acrylic resin and polymethylacrylate, which is ideal for the production of temporary movable and fixed prostheses with its aesthetics, practicality, and great versatility. 20 color shades, 21 upper front, 7 lower front, and 5 rear models are offered to you.

### ADVANTAGES

- High aesthetic effect with harmonious layer transitions and smooth edges
- High molecular weight resin used due to special chemical and physical resistance
- Wide range of models and colors suitable for all kinds of prosthetic needs



# FSM DENTAL STARLUX

DOUBLE CROSSLINKED ACRYLIC TEETH



## DESCRIPTION

Starlux is an acrylic dental group made of three chromatic layers containing polymethylmethacrylate for removable dentures. 20 color shades, 21 upper front, 7 lower front, and 5 rear models are offered to you.

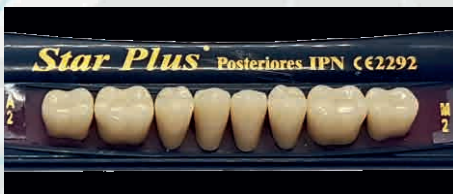
## ADVANTAGES

- High aesthetic effect with harmonious layer transitions and smooth edges
- High molecular weight resin used due to special chemical and physical resistance
- Wide range of models and colors suitable for all kinds of prosthetic needs



# FSMDENTAL STARPLUS

## IPN ACRYLIC TEETH



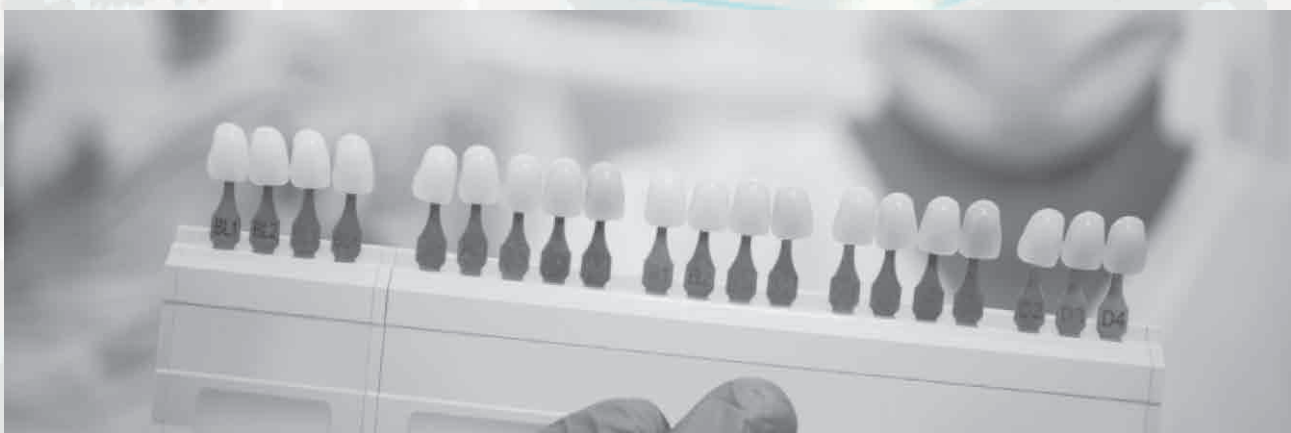
### DESCRIPTION

Starplus IPN teeth is an innovative acrylic system that will carry your profession to the future with its technology. The unique color blend will ensure that you get the best results every time.

Starplus acrylic prosthetic teeth, which have a wide variety of aesthetic features, have been used for many years due to our patients' satisfaction. 20 color shades, 21 upper front, 7 lower front, and 5 rear models are offered to you.

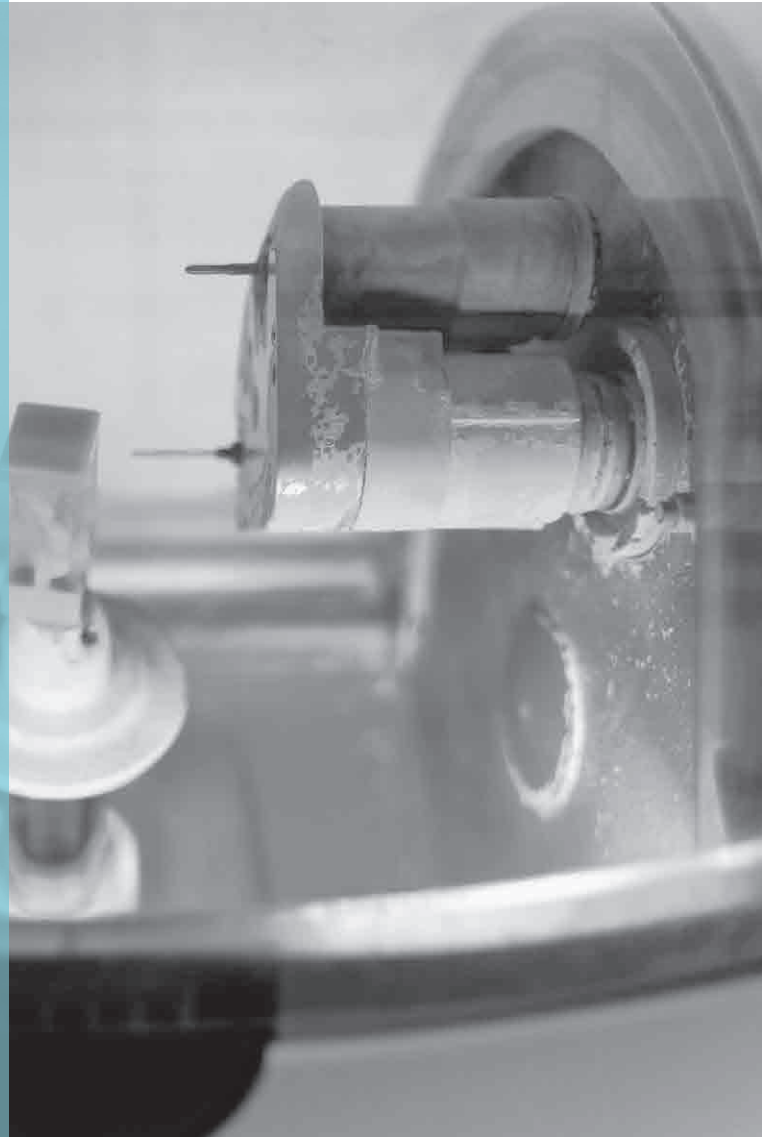
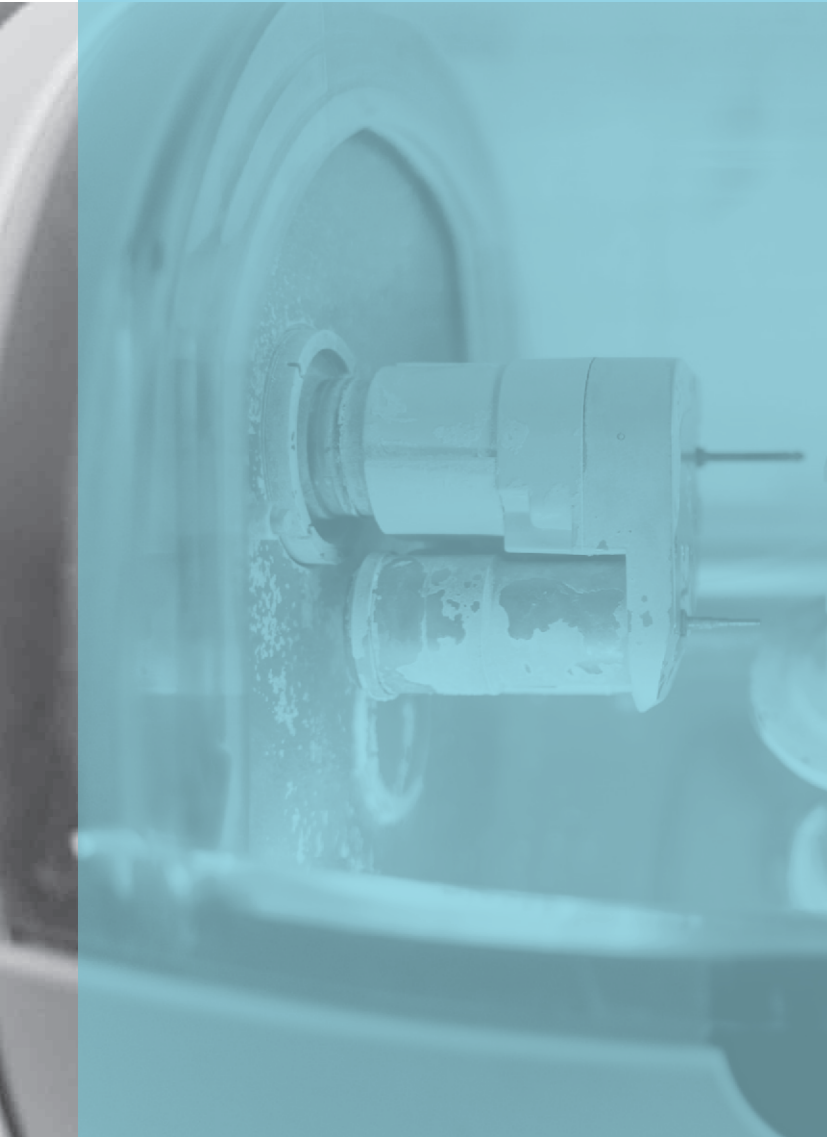
### ADVANTAGES

- For full, partial and implant supported prostheses
- Excellent wear resistance
- Excellent color stability
- Maximum bonding strength
- High quality, long-lived





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## DENTAL CAD / CAM



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# DuoCad

## PMMA CAD TEMP BLOCK



### DESCRIPTION

PMMA blocks are widely used to make temporary crown bridges. At the same time, laboratories can also be used as an infrastructure for casting and as a casting pioneer.

### INDICATIONS

- Moulding, press, and overpress techniques provide the opportunity to control sitting and function in the mouth.
- A system with naturally high translucency
- Realistic and smooth transitions from the cervical region to the incisal area
- Excellent workability
- Fine margins can be processed without worrying about crumbling or cracks.

### ADVANTAGES

- Applicable for CAD/CAM and conventional methods (suitable for moulding, press and overpress), transparent ones do not leave trace.



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