

Technical Specifications

SCDL has selected the finest combination of alloys for use in all fixed and removable prosthodontics.

IPS d.SIGN 98 (Ivoclar) for HIGH PRECIOUS BONDED CROWNS

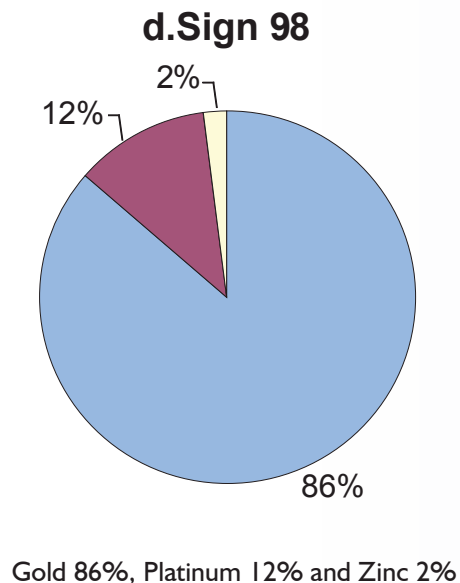
High gold ceramic alloy, free from palladium, silver and copper, demonstrating mechanical and physical properties that specifically match those of the IPS INLINE fluorapatite glass-ceramic.

Advantages

- Palladium, Silver and Copper free Light oxide
- Wide range of indications
- Certified for biocompatibility testing

Indications

- Inlays
- Onlays
- Partial crowns
- Single crowns
- Posts
- Short and long span bridges
- Implant superstructures
- Partial dentures



IPS d.SIGN 53 (Ivoclar) for SEMI-PRECIOUS BONDED CROWNS

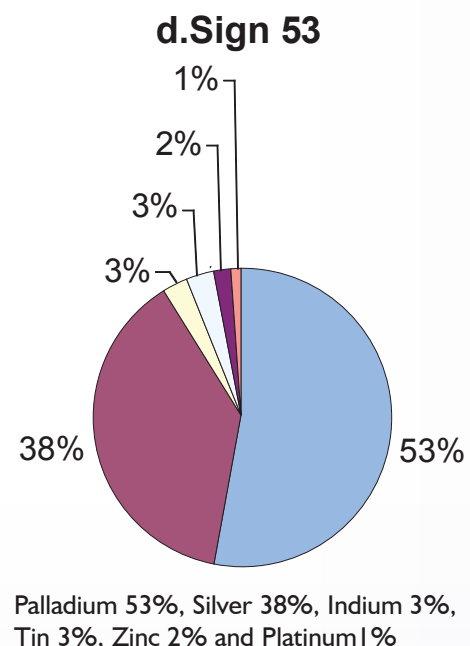
IPS d.SIGN 53 is a palladium-silver ceramic alloy. Its mechanical and physical properties are coordinated with the IVOCLAR INLINE fluorapatite glass-ceramic material.

Advantages

- Economical, low density
- Excellent melting and flow properties
- Light oxide
- Ideal with IPS INLINE and conventional ceramics
- Certified biocompatibility

Indications

- Onlays
- Partial crowns
- Single crowns
- Posts
- Short and long span bridges
- Implant superstructures
- Partial dentures



Wirobond 280 (Bego) for NON PRECIOUS BONDED CROWNS

A non-precious metal premium alloy for metal-to-ceramic work or acrylic veneering: free of nickel and beryllium.

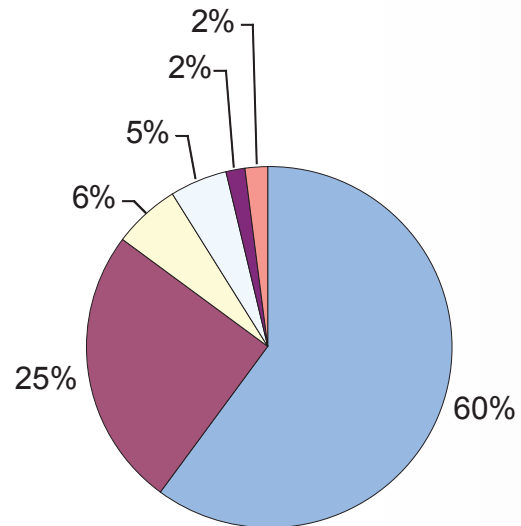
Advantages

- Extremely corrosion resistant through optimal interaction of the essential elements, chromium and molybdenum
- Biocompatibility certified by neutral institute
- Low thermal conductivity
- Great strength at any maintainable span
- Easy work out through reduced hardness of 280 HV10
- No long-term cooling required
- Secure bonding with ceramics
- Secure fabrication based on the proven BEGO system

Indications

- Single crowns
- Posts
- Short and long span bridges

Bego Wirobond 280



Cobalt 60%, Chromium 25%, Tungsten 6%
Molybdenum 5% Silicon 2% Manganese 2%

4 all (Ivoclar) for NON-PRECIOUS BONDED CROWNS

Nickel-Chromium ceramic alloy. Predominantly a base metal alloy with ideal mechanical and physical properties for both conventional feldspathic and newer generation ceramics.

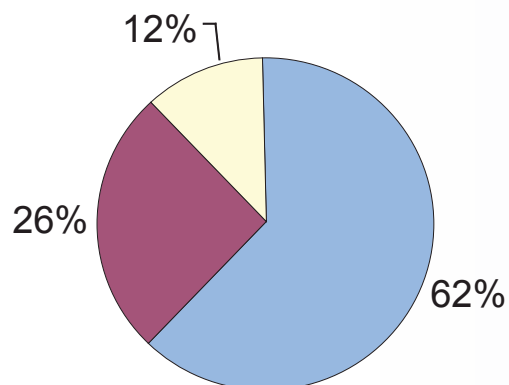
Advantages

- Excellent melting and flow properties
- Easy to invest
- Reduced hardness
- Works with conventional feldspar ceramics
- Certified biocompatibility

Indications

- Single crowns
- Posts
- Short and long span bridges

4 all



Nickel 62%, Chromium 26% and
Molybdenum 12%

Academy Gold (Williams-Ivoclar) for use in INLAYS, ONLAYS and FULL GOLD CROWNS

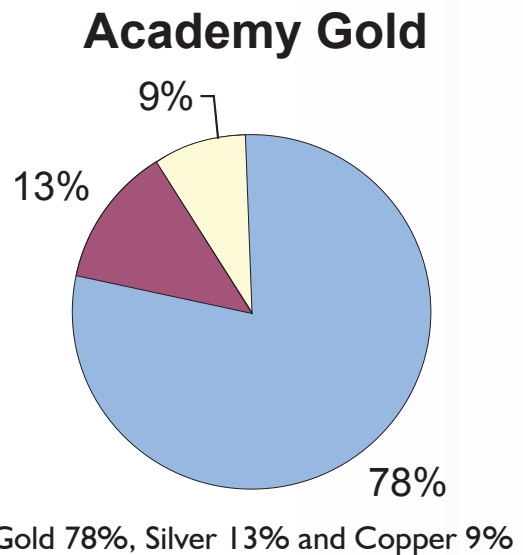
High gold crown and bridge alloy for the fabrication of aesthetic gold restorations. This palladium-free multiple-purpose alloy (Type 2 / Type 3) is characterized by high stability, increased elongation and a fine grained structure.

Advantages

- Palladium free
- Aesthetic, yellow-golden colour
- Extended range of indications (Type 2/3)
- Optimum marginal adaptation even after hardening
- Excellent casting and processing properties
- Certified biocompatibility

Indications

- Inlays
- Onlays
- Partial crowns
- Crowns
- Short span bridges



XL-X (Ivoclar) for use in POSTS, CORES and IMPLANTS

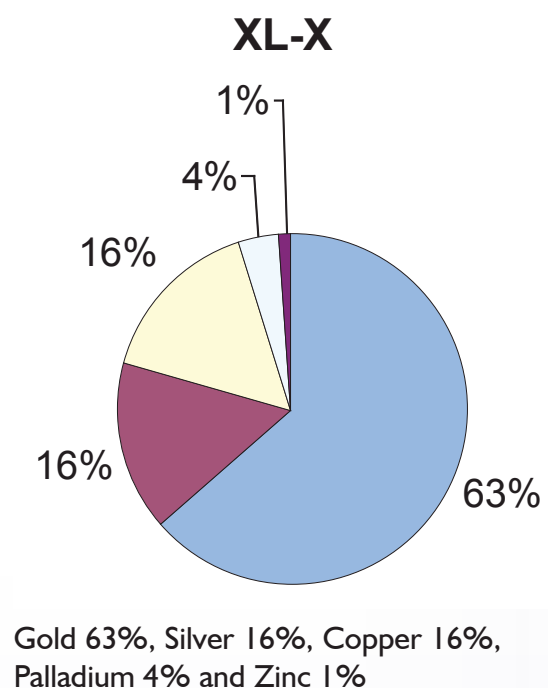
Clinically proven Type IV reduced-gold crown and bridge alloy demonstrating outstanding physical properties.

Advantages

- Deep yellow colour
- Clinically proven
- Wide range of indications
- Excellent resistance to oral conditions
- Certified biocompatibility

Indications

- Onlays
- Partial crowns
- Single crowns
- Posts
- Attachments
- Short and long span bridges
- Implant superstructures
- Partial dentures



PALLORAG 33 (Cendres and Metaux) for use as a NON PRECIOUS BONDING ALLOY

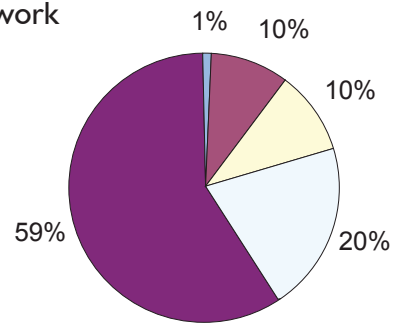
Type IV alloy with extra high strength for crown and bridgework

Advantages

- Low density
- Extra Hard
- Excellent physical characteristics

Indications

- Crowns and bridges
- Milled and attachment restorations
- Restorations with burn out resin attachments



Silver 59%, Palladium 20%, Gold 10%, Copper 10% and Zinc 1%