

THE ALPHABOND REVIEW

REVOLUTIONARY PRODUCTS FOR YOUR DENTAL NEEDS

www.alphabond.com.au

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NON PRECIOUS ALLOY EDITION



WIROBOND 280 - The non-precious premium bonding alloy - Setting new standards in the non-precious metal-to-ceramic alloy segment. Nickel and beryllium free. Extremely resistant

to corrosion through its optimal interaction of chrome and molybdenum. Excellent melting and casting properties, with a Vickers hardness of 280 HV10, it has great strength irrespective of the span size. Long-term cooling is not required in most circumstances. Available in 250 grams and 1000 gram quantities. Order codes: BG50135 (250g), BG50134 (1000g)

WIRON LIGHT BONDING ALLOY



With light oxide - Beryllium-free - simple casting, easy finishing, risk-free working. The oxide is considerably lighter in color compared to conventional NiCr alloys and is very easy and fast to remove. The strength of Wiron light makes it possible to produce delicate work without the risk of breakage. Available in 250g. Order code: BG50272

WIROBOND C



Bego's Cobalt-Chrome metal-to-ceramic bonding alloy, which has a Vickers hardness of 310 HV is resistant to corrosion and its modulus of elasticity is double that

of precious metals. Nickel and beryllium free. Highly heat resistant with low thermal conductivity, optimized for laser welding. Available in 250 grams and 1000 gram quantities. Order codes: BG50116 (250g), BG50100 (1000g)

WIRONIT & WIRONIT XH



Premium Cobalt-chrome alloy for stability and user friendliness, Wironit is the classic partial denture alloy. With a Vickers hardness of 350 for Wironit and 375 for Wironit XH,

it gives a high luster polish and it allows flexibility for chair side adjustments. Wironit Extra Hard is great for lower cases & milled work where more strength is needed. Order codes: Wironit 1000g (BG50030), Wironit XH 1000g (BG50060)

WIRON 99 - Nickel-Chrome Alloy



Proven the world over, Wiron 99 minimises the risk of flaking or chipping. For metal-to-ceramic or composite veneering. With a low hardness of 180 (HV10), its fast finishing and polishes to with a high lustre. Order codes: BG50116 (250g), BG50100 (1000g).

WIRONIUM

Premium Cobalt-chrome partial denture alloy - Premium removable partial denture alloy, tried and tested worldwide, with above average mechanical properties: excellent for laser welding with Wiroweld thanks to its reduced carbon concentration. Order code: BG50065 (1000G)



WIRONIUM Plus

Premium Cobalt-chrome PD alloy

Universal alloy for combination work and partial dentures. Its high degree of stability allows for reduced deformation during devesting.



Order code: BG50190 (1000G)

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NPG - THE ALTERNATE GOLD!



NPG is the first patented, yellow-gold coloured alloy for construction of type 2 restorations. A premium, non-precious casting alloy for fixed crowns, bridges and onlays, NPG is recognized worldwide as 'the gold alternative'. NPG and NPG+2 (2% gold) are unique alloys; offering the appearance and handling characteristics of precious Type III yellow-gold alloys, but at a fraction of the cost. You'll benefit from smooth and accurate castings, and provide reliable quality and fit. It's simple to finish, and soldering is trouble-free with Albra Flux. Order codes: NPG (50g), NPG+2 (50g)



CASTING FLUX

Use Albral casting flux when casting NPG and NPG+2. Albral casting Flux will increase fluidity while reducing oxide formation. Order code: NPGFLUX (56.7g)

REXILLIUM III & V VERABOND

NICKEL-CHROMIUM CERAMIC BONDING ALLOY CONTAINING BERYLLIUM



Rexillium III - Designed for constructing inlays, crowns, bridges and the like. Compatible with most known porcelain powders including; Ceramco, Ceramco 2, Noritake, Ceratec and Vision. However, if you are working with Vita porcelain powder, use Rexillium V for its higher bonding strength.

Order codes:
Rexillium III - REX3 1 OZ (31.1g)
Rexillium V - REXV 1 OZ (31.1g)

NORITAKE SUPER ALLOY EX-3 FOR CERAMIC-TO-METAL BONDING

A non-precious (Ni-Cr, without Be) dental alloy for porcelain-fused-to-metal restorations. This metal is an ideal match for NORITAKE EX-3 PORCELAIN in thermal expansion coefficient. It has a high castability and shows an excellent bonding with EX-3 PORCELAIN.

Order code: NDALLOYNI-CR (Available per gram)

Also available:

Noritake Casting Flux, 25g (Code: NDFLUX-N)



MICRONIUM N 10 by Schutz

CoCr alloy specially for your delicate clasp frameworks. With an extremely high elongation at break (11%) and high tensile strength (1680 N/mm²), Micronium N 10 has a high level of safety with a long life span. With a Vickers hardness of HV 340, it has a very high spring stiffness, which is important, particularly for clasps. Order code: SC610120 (1kg)



BONDING ALLOY

Order code:
VERABOND200G



Nickel-chromium ceramic alloy. Clinically proven to produce superior properties providing the attributes you need to create aesthetic restorations. Unsurpassed melting and casting fluidity for sharp, delicate margins and consistently reliable castings. The combined yield strength (838 MPa) and a hardness rating of 410 Vickers produces tremendous resistance to clinical wear and deformation. Superior mechanical strength permits the design of thin wall copings and thin interproximal connections; greater strength without bulk. A superior bond between VeraBond and porcelain leaves no dark finish lines at the margins. VeraBond offers maximum resistance to high-heat thermal distortion to protect you against potential deformation during porcelain bakes or soldering. With VeraBond, your precision castings will continue to fit, bake after bake. VeraBond has been proven to offer patients durability, comfort and safety.

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