

ESTHET-X[®] HD

HIGH DEFINITION MICRO MATRIX RESTORATIVE

THE SCIENCE OF HIGH DEFINITION



For better dentistry

DENTSPLY

ESTHET•X® HD

HIGH DEFINITION MICRO MATRIX RESTORATIVE

A pioneer in nano-filler technology, DENTSPLY is pleased to introduce a material that is re-defined to give you the ideal combination of beauty and strength... and now in **HIGH DEFINITION**.

With a newly optimized filler particle distribution, Esthet•X® HD provides:

- Faster, easier to achieve, brilliant and long lasting polish
- Outstanding physical properties for all cavity classifications
- Ideal handling characteristics
- Comprehensive shade and opacity selection

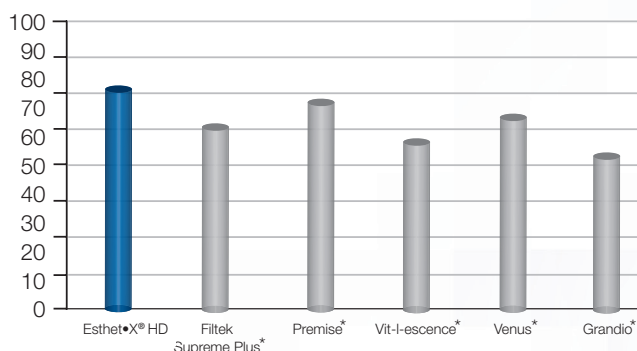
■ Fast, brilliant and enduring polish

As a result of new filler technology, including nano-filler particles, filler particle size and distribution are precisely controlled to provide the ultimate in **High Definition** composite restorations.

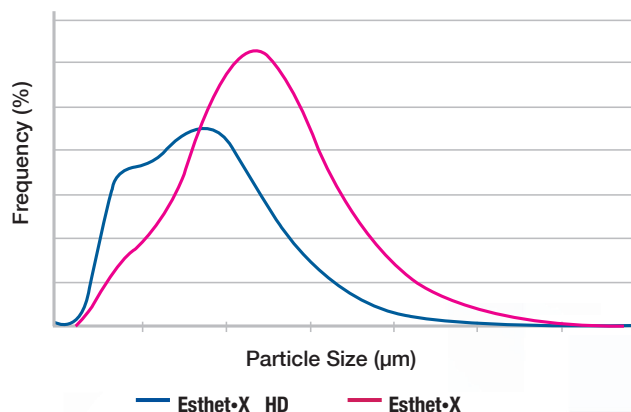
- Polishes easily and quickly to a brilliant finish
- Polishes for durable, long lasting results

New optimized filler technology removes the frequency of larger particles; and results in targeted filler particle sizes and distribution, which provide faster polish and outstanding physical properties.

Gloss after 15 seconds of Polish¹ Shade A2



Esthet•X® HD vs Current Esthet•X® Particle Size Analysis¹

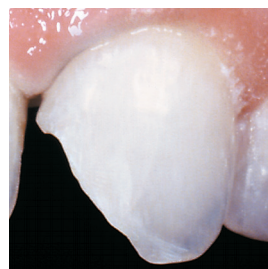


■ Clinical performance for ALL cavity classifications

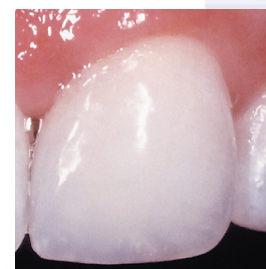
Supported by a strong and successful lineage of outstanding composite restoratives from DENTSPLY, Esthet•X® HD provides exceptional performance making it ideal for all cavity classes.

Esthet•X® HD provides the perfect blending of strength, handling and consistently beautiful natural looking results.

- High fracture toughness
- Wear properties on a par with natural enamel
- Excellent radiopacity for easy diagnosis



Before



After

* Filltek Supreme Plus, Venus, Grandio, Premise, Vit-I-escence, Point 4, Filltek Z100, and Filltek Z250 are not registered trademarks of DENTSPLY International.

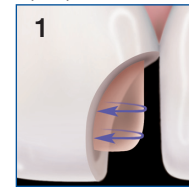
¹ Data on file.

■ Ideal handling and shade selection to match your technique

Regardless of your technique – whether you are layering multiple shades and opacities, or using a single shade, **The High Definition Science** behind Esthet•X® HD provides the ideal combination of handling and optical properties for replacing natural tooth structure.

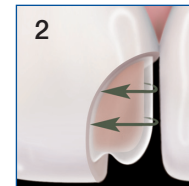
- Full range of **High Definition** shades and opacities for every direct restorative need
- All shades and opacities offer excellent strength and high-end polishing capabilities
- Consistently brilliant results with single shade or multiple shade restorations
- Optimal sculptable handling that stays where it's placed
- Excellent non-sticky consistency for anterior and posterior restorations

Opaque Dentin Shades



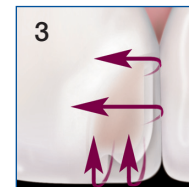
7 Shades

Regular Dentin Shades



19 Shades

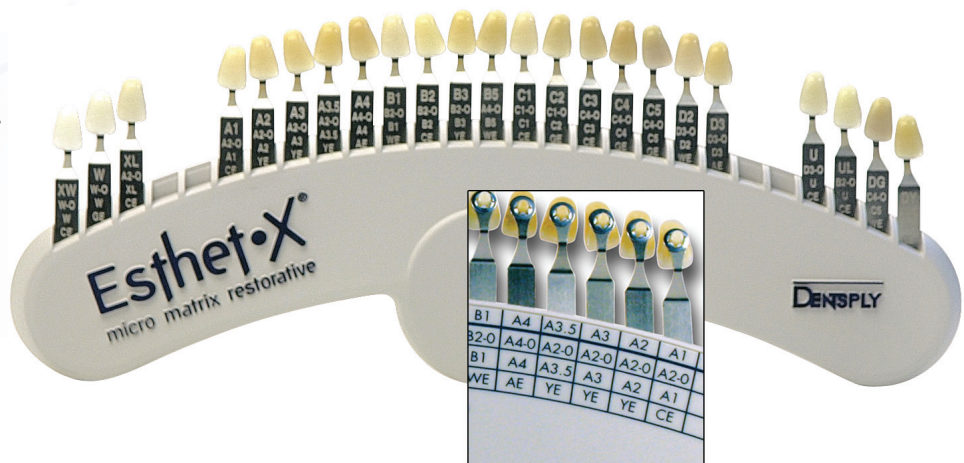
Translucent Dentin Shades



5 Shades

■ Visualize results in 3-D with the Esthet•X® TruMatch® Shade Guide

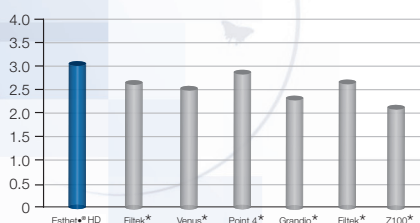
"Begin with the end in mind." With the TruMatch® Shade Guide, you can visualize the finished restoration before you start placing composite. The recipe on each shade guide tab takes away much of the selection guesswork, letting you start the restoration sooner.



Whether you need to place one shade or layer different opacities, Esthet•X® HD Micro Matrix Restorative makes it easy to do your best work. The final result is a composite that has outstanding physical properties, durable polish and optimal handling.

High Fracture Toughness for Strength and Durability

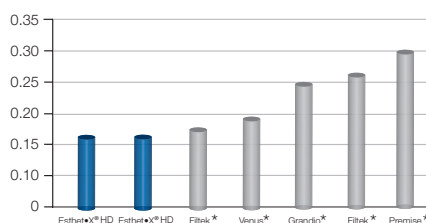
Fracture Toughness (MPa. M1/2)¹



Fracture Toughness is important in areas where the composite is thin, like on a margin, or where the composite is exposed to intense forces, like in a Class IV.

Smooth Surface for Lasting Beauty

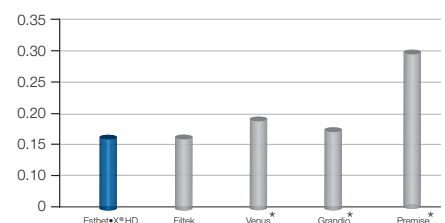
Surface Roughness after 15 seconds of Polish¹



Surface roughness testing measures the smoothness of the composite surface after finishing and polishing is completed. Smoother restorations have been shown to be more esthetic and more easily maintained than restorations with rougher surfaces.^{2,3} A smooth surface can also reduce plaque retention, minimizing surface staining and secondary caries.^{3,4}

Excellent Wear Resistance

Wear Loss (x0.01 mm3)¹



Wear testing shows a composite's ability to resist long-term wear due to mastication force. Esthet•X® HD restorative has excellent wear resistance for long-lasting restorations.

* Filtek Supreme Plus, Venus, Grandio, Premise, Vit-I-science, Point 4, Filtek Z100, and Filtek Z250 are not registered trademarks of DENTSPLY International.

2 Weitman RT, Eames WB. Plaque accumulation on composite surfaces after various finishing procedures. JADA 1975;65(12):29-33
3 Strassler HE, Bauman G. Current concepts in polishing composite resins. Pract Periodontics Aesthet Dent 1993;5(3 supplement 1):12-57
4 Krejci I, Lutz F, Boretti R. Resin composite polishing: filling the gaps. Quintessence Int 1999;30(7):490-5

Ordering Information

Compules® Tip Delivery System

630600 COMPLETE KIT

156 Compules® Tips (0.25g each)
10 each shade: A1, A2, A3, A3.5, A2-O
5 each shade: W, XL, B1, B2, B3, C1, C2, C3, C5, D2, U, CE, WE, YE
3 each shade: A4, B5, C4, D3, AE, GE, W-O, A4-O, B2-O, C1-O, C4-O, D3-O
10 Prime & Bond® NT™ Adhesive Unit Doses
1 Esthet•X® HD TruMatch® Blended Shade Guide
1 Syringe Esthet•X®flow – Shade A2
Enhance® Finishers – 10 Discs, 5 Cups, 5 Points
PoGo® Polishers – 10 Discs, 5 Cups, 5 Points
1 Syringe Caulk® 34% Tooth Conditioner Gel
1 Compules® Tips Gun
Accessories

630601 INTRODUCTORY KIT

60 Compules® Tips (0.25g each)
10 each shade: A1, A2, A3, A3.5, A2-O
5 each shade: CE, YE
10 Prime & Bond® NT™ Adhesive Unit Doses
1 Esthet•X® HD TruMatch® Blended Shade Guide
1 Syringe Esthet•X®flow – Shade A2
Enhance® Finishers Sample
PoGo® Polishers Sample
1 Syringe Caulk® 34% Tooth Conditioner Gel
1 Compules® Tips Gun
Accessories

630604 OPERATORY KIT

20 Compules® Tips (0.25g each)
5 each shade: A1, A2, A2-O, YE
Enhance® Finishers Sample
PoGo® Polishers Sample
1 Compules® Tips Gun
Esthet•X® HD Shade Tab – A2

REFILL PACKAGES

Regular Body Shades

630615 White - W
630617 A1
630618 A2
630619 A3
630620 A3.5
630622 B1
630623 B2
630627 C2
630633 Universal - U

Translucent Enamel Shades

630610 Clear Enamel - CE
630611 White Enamel - WE
630612 Yellow Enamel - YE
630613 Amber Enamel - AE
630614 Gray Enamel - GE

Regular Body Shades

630616 XL
630621 A4
630624 B3
630625 B5 - DY
630626 C1
630628 C3
630629 C4
630630 C5 - XGB
630631 D2
630632 D3

Opaque Dentin Shades

630634 White Opaque - W-O
630635 A2-O
630636 A4-O
630637 B2-O
630638 C1-O
630639 C4-O
630640 D3-O

Easy•Twist Syringe Delivery System

630711 COMPLETE KIT

31 Syringes (3g each)
1 of each shade: A1, A2, A3, A3.5, A4, B1, B2, B3, B5, C1, C2, C3, C4, C5, D2, D3, U, YE, AE, GE, CE, WE, W, XL, W-O, A2-O, A4-O, B2-O, C1-O, C4-O, D3-O

630715 INTRODUCTORY KIT

5 Syringes (3g each)
1 of each shade: A1, A2, A3, YE, A2-O
1 Prime & Bond® NT™ Adhesive (4.5ml)
1 Syringe Caulk® 34% Tooth Conditioner Gel
Enhance® Finisher - 1 - Cup, 1 - Point, 1 - Disc
Palodent® System - 1 BitTine Ring, 5-Standard Matrices
1 - Brush Handle 1 - Dispensing Well 40 - Disposable Brush Tips

REFILL PACKAGES

Regular Body Shades

630655 White - W
630656 XL
630657 A1
630658 A2
630659 A3
630660 A3.5
630661 A4
630662 B1
630663 B2
630664 B3
630665 B5 - DY
630666 C1
630667 C2
630668 C3
630669 C4
630670 C5 - XGB
630671 D2
630672 D3
630673 Universal - U

Translucent Enamel Shades

630650 Clear Enamel - CE
630651 White Enamel - WE
630652 Yellow Enamel - YE
630653 Amber Enamel - AE
630654 Gray Enamel - GE

Opaque Dentin Shades

630674 White Opaque - W-O
630675 A2-O
630676 A4-O
630677 B2-O
630678 C1-O
630679 C4-O
630680 D3-O

630603 Esthet•X® HD
TruMatch® Shade Guide

Finishing and Polishing

624075 ENHANCE® COMPLETE SYSTEM KIT

20 Finishing Discs
10 Finishing Points
10 Finishing Cups
25 Polishing Cups
Prisma®•Gloss™ Composite Polishing Paste (4g)
Prisma®•Gloss™ Extrafine Polishing Paste (4g)
Metal Mandrel

ENHANCE® REFILLS

624045 40 Finishing Discs
624055 40 Finishing Cups
624065 40 Finishing Points
624020 100 Polishing Cups and metal mandrel

662020 ENHANCE® & POGO® COMPLETE KIT

10 Enhance® Finishing Discs
10 Enhance® Finishing Cups
10 Enhance® Finishing Points
10 PoGo® Diamond Polishing Discs
10 PoGo® Diamond Polishing Cups
10 PoGo® Diamond Polishing Points

POGO® REFILL PACKAGES

662010 40 Diamond Polishing Discs
662023 40 Diamond Polishing Cups
662022 40 Diamond Polishing Points

PRISMA®•GLOSS™ REFILLS

631400 Regular - 1 syringe (4g)
631450 Extrafine - 1 syringe (4g)

Enhance®
Finishing System

Enhance® Finishing Discs, Cups and Points eliminate multiple steps. With one component you can contour, finish and begin polishing.



PoGo®
One Step Diamond Micro-Polisher



Photography by
Dr. Jeff Blank

Unlike other systems that require several steps and minutes to achieve a polish, the PoGo® diamond micro-polishing discs, cups or points do it in under a minute in just one easy step! With PoGo® diamond micro-polishers, the final result is exceptional luster and more time to admire your work.

PoGo® Polishers create a high luster in less time with fewer steps!



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