ice

ANTERIOR / POSTERIOR NANO HYBRID COMPOSITE

FRONT - UND SEITENZAHN NANO- HYBRID KOMPOSIT

COMPÓSITO NANO-HÍBRIDO DE USO ANTERIOR E POSTERIOR

COMPOSITE ANTERIOR / POSTERIOR NANO-HIBRIDO

COMPOSITE NANO-HYBRIDE POUR ANTERIEURES ET POSTERIEURES

COMPOSITO NANO-IBRIDO PER ANTERIORI / POSTERIORI

ANTERIOR / POSTERIOR NANO-HYBRIDE COMPOSIET

ANTERIOR / POSTERIOR NANO-HYBRID KOMPOSIT

ANTERIOR / POSTERIOR NANO-HYBRID KOMPOSITT

YHDISTELMÄMUOVI ETU- JA TAKA-ALUEELLE

ΠΡΟΣΘΙΩΝ / ΟΠΙΣΘΙΩΝ NANO - ΥΒΡΙΔΙΚΗ ΣΥΝΘΕΤΗ ΡΗΤΙΝΗ

NANO-HYBRYDOWY KOMPOZYT DO WYPEŁNIEŃ W ZĘBACH PRZEDNICH I BOCZNYCH

ANTERIOR/POSZTERIOR NANO HYBRID KOMPOZIT

UNIVERSAALNW NANO-HUBRIID KOMPOSIITTÄIDIS ESI JA TAGA HAMMASTELE

NANO-KOMPOZITNI MATERIAL ZA SPREDNJI IN ZADNJI SEKTOR

NANO - HIBRĪDU KOMPOZĪTS PRIEKŠZOBIEM UN SĀNU ZOBIEM

NANO-HIBRIDINIS KOMPOZITAS PRIEKINIAMS IR KRŪMINIAMS DANTIMS

ANTERIOR/POSTERIOR NANOHYBRIDNÍ KOMPOZIT

ANTERIOR/ POSTERIOR NANOHYBRIDNÝ KOMPOZIT

前臼歯用ナノ・ハイブリッドコンポジットレジン

前后牙通用型纳米填料复合树脂

SDI

polishability and strength all in one

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THE DENTAL ADVISOR ++++

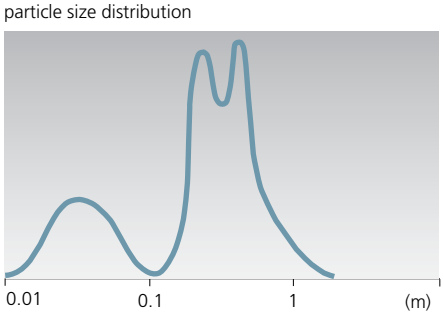
The Dental Advisor.
Vol. 21, No. 6, 2004

Nanotechnology

A nanometer is 1/1000 of a micron. Nanomers assist in the long term polishability of a composite resin. Hybrid technology enables a high filler loading for increased strength.

Ice has a good blend of both nanotechnology and hybrid technology for the ideal anterior/ posterior composite.

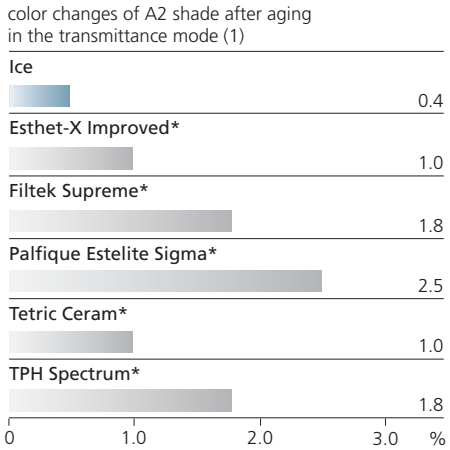
particle size distribution



Colour Stability

'Maintaing a shade match to the tooth overtime is important for clinical success. Optical properties of resin composites change with time, especially related to surface degradation and chemical reaction of the tertiary amine accelerator' [(1)]. Ice is the least affected by accelerated aging.

color changes of A2 shade after aging
in the transmittance mode (1)

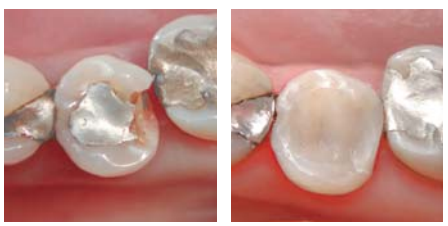


Natural fluorescense

Ice contains a fluorescent agent that ensures perfectly natural looking teeth under UV lights.

Before **After**

Before **After**

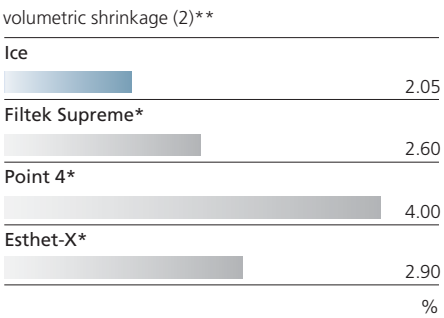


Non-stick handling

Ice's non-stick handling facilitates the placement of anterior and posterior restorations. Ice does not slump or pull back on the instrument. Ice's firm packable handling ensures tight contacts.

Low shrinkage

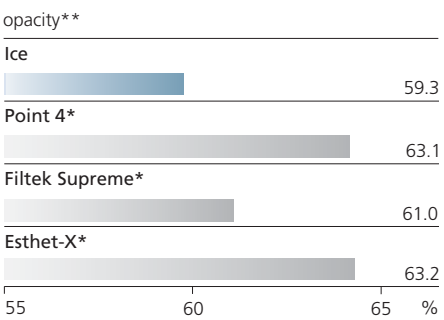
Ice exhibits the lowest polymerization shrinkage. Utilizing longer resin chains with fewer monomer links, Ice has a very low shrinkage. Lower shrinkage minimizes sensitivity and microleakage; an effective seal against microleakage decreases the potential for secondary caries development.



Translucent

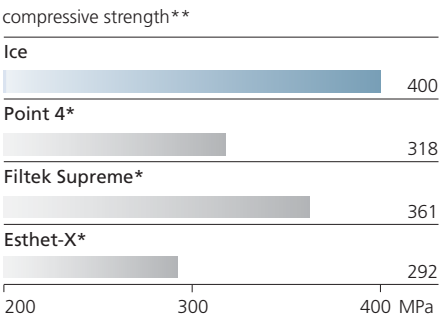
Ice's translucency allows light to pass through, assists in blending between the composite shade and the tooth, and allows compensation for minor errors in shade selection. The lower the opacity level, the more translucent and natural looking is the restoration.

Ice is very translucent. It reflects the surrounding teeth to ensure a seemless match.



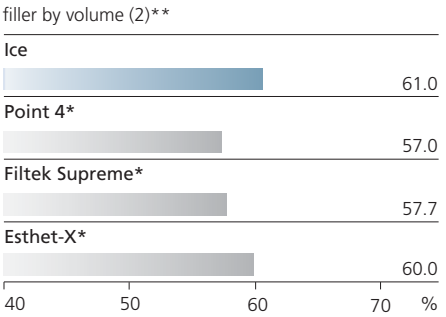
Compressive strength

A high compressive strength enhances longevity of a composite by withstanding mastication forces. Ice's optimum filler level maximizes strength.



High filler level

Ice's excellent wear profile is due to its strontium glass filler type and high filler loading.



Extensive color range

Ice's 19 shades are ideal for all anterior and posterior restorations. A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, D2, D3, D4, OA2, OA3, OA3.5, bleach, incisal.

Indications

- Anterior restorations
- Posterior restorations
- Veneers
- Inlays/Onlays
- Core build up
- Class I, II, III, IV, V

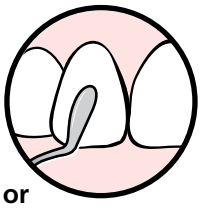
instructions:

Isolate tooth, prepare cavity

1. Etch tooth surface with Super Etch 37% phosphoric acid for 20 seconds
2. Wash thoroughly
3. Remove excess water. Keep moist
4. Apply Go! to saturate all internal surfaces, or bonding agent according to manufacturer's instructions

5. Blow gently with dry, oil-free air for 2 seconds to evaporate solvent. Leave surface glossy
6. Light cure for 10 seconds
7. Place Ice in increments of 2mm or less in:

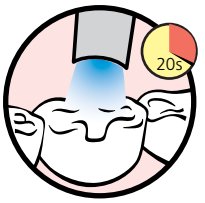
7.1 Anterior restorations



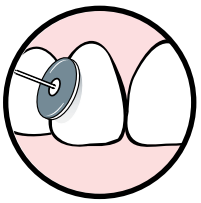
or

7.2 Posterior restorations

8. Cure Ice for 20 seconds in increments of 2mm



9. Polish and finish



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** SDI Test Data.
(1) Lee Y.K, Powers J.M. Color changes of resin composites in the reflectance and transmittance modes. Dental Materials 23 (2007) 259-264
(2) Reality, 2003.

Ice Introductory 5 Syringe Kit
5 x 4g Ice Syringes
(1 each - A1, A2, A3, A3.5, B1)
2 x 2mL Super Etch Gel
25 x Super Etch Disposable Tips
1 x 5mL Stae Single Component Dentin/Enamel Adhesive
1 x Ice Shade Guide
40 x Points, Fine Tip (white)
2 x Mixing Well – dual
Reorder 8400100

Ice Introductory Complet Kit
60 x 0.25g Ice Complets
(10 each - A1, A2, A3, A3.5, OA2, bleach)
2 x 2mL Super Etch Gel
25 x Super Etch Disposable Tips
1 x 5mL Stae Single Component Dentin/Enamel Adhesive
1 x Ice Shade Guide
40 x Points, Fine Tip (white)
1 x Mixing Well – dual
1 x Complet applicator
Reorder 8400103

Ice Syringe Refills (4g)

8400001	A1	8400012	C3
8400002	A2	8400015	D2
8400003	A3	8400016	D3
8400004	A3.5	8400017	D4
8400005	A4	8400018	bleach
8400006	B1	8400019	incisal
8400007	B2	8400021	OA2
8400008	B3	8400022	OA3
8400010	C1	8400023	OA3.5
8400011	C2		

Ice Complet Refills (0.25g x 20 refills; 5g total)

8450001	A1	8450012	C3
8450002	A2	8450015	D2
8450003	A3	8450016	D3
8450004	A3.5	8450017	D4
8450005	A4	8450018	bleach
8450006	B1	8450019	incisal
8450007	B2	8450021	OA2
8450008	B3	8450022	OA3
8450010	C1	8450023	OA3.5
8450011	C2		

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