



# AURA EASYFLOW

UNIVERSAL FLOWABLE COMPOSITE



4

EASY SHADES

CONTROLLED  
FLOW,  
HIGH STRENGTH

# CONTROLLED FLOW, HIGH STRENGTH

Aura Easyflow is a light cured flowable composite, refined to provide the right features for every layer of use. Whether it is used as a radiopaque liner under direct restorations or superficially to repair defects in aesthetic zones, Aura Easyflow is engineered to maximise clinical success.

## ENGINEERED FILLER TECHNOLOGY

Aura Easyflow is based on the successful filler technology utilised in SDI's Aura range of composites. Its state of the art filler system defines its versatility for multiple clinical needs to ensure high strength and natural aesthetics.

The particle size distribution has been tailored by SDI scientists to polish to a high gloss that is maintained over time. The hybrid combination improves mechanical properties without affecting the required flow<sup>1</sup>.

COMPRESSIVE  
STRENGTH

**421**MPa

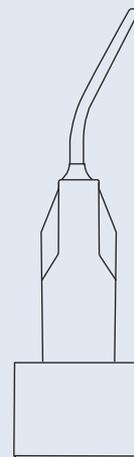
**4**  
EASY SHADES



## CONTROLLED FLOW, DOES NOT SLUMP

Producing conservative restorations that preserve the tooth, often leads to structural irregularities on cavity walls. A flowable composite must adapt into every irregularity to form a complete seal at the tooth-restorative interface. Filler loading affects the flowability of a composite<sup>1</sup> and at 56% [filler load by weight], Aura Easyflow is a superb choice to achieve precise flow around the cavity walls.

Aura Easyflow's tip design for syringes, makes it easy to inject the material into cavities of any depth and any location within the mouth. Tactically, the clinician can be confident that the material is placed with precision.

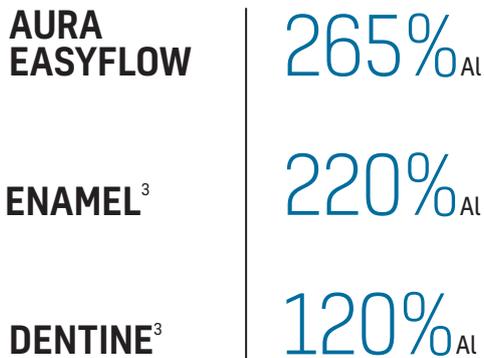


# HIGHER RADIOPACITY THAN ENAMEL

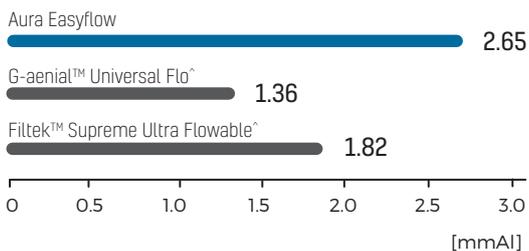
## HIGHER RADIOPACITY THAN ENAMEL

Over time, it is important to evaluate the contours of restoration and distinguish between the restorative material and secondary caries<sup>1</sup>. Aura Easyflow contains barium glass, selected for its high radiopacity and therefore, high visibility on radiographs.

Aura Easyflow makes it easier to see the distinction between tooth and restorative material, enabling confident clinical diagnosis throughout the life of the restoration.



### RADIOPACITY\*



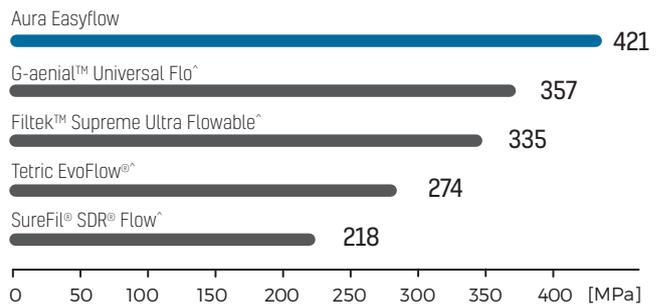
» In Class V restorations, composites with lower modulus are desired as they are capable of flexing during tooth function which may reduce stresses along the bonding agent interface and the likelihood of debonding. «

## VERY HIGH COMPRESSIVE STRENGTH

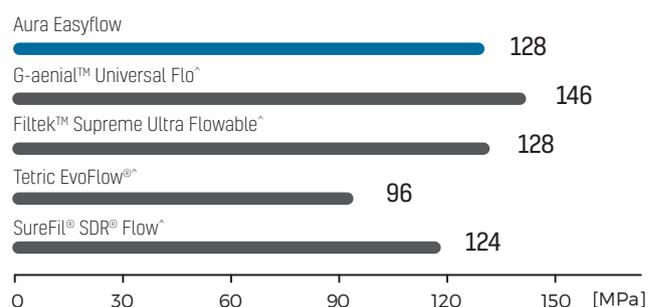
Aura Easyflow's strength asserts its use as a versatile restorative material. With an impressive compressive strength of 421MPa, Aura Easyflow's ability to withstand forces of mastication, meets that of conventional composites and is superior in the flowable composite category.

Flexural strength influences the use, stability and clinical success of a restoration<sup>2</sup>. Aura Easyflow displays sufficient flexural strength. The material has enough flexural strength to be used on the surface of Class I and Class II restorations that are often under masticatory stress, while maintaining enough flexibility to be used in Class V scenarios.

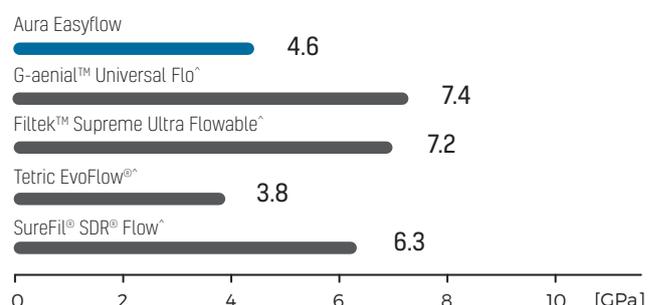
### COMPRESSIVE STRENGTH\*



### FLEXURAL STRENGTH\*



### FLEXURAL MODULUS\*



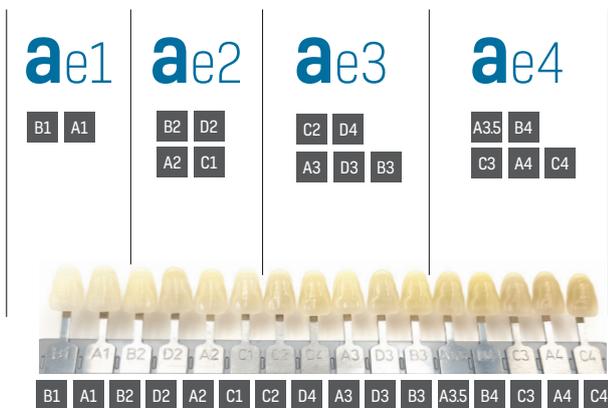
# EASY SHADE MATCHING

## EASY SHADE MATCHING

Aura Easyflow is designed with four unique shades to simplify colour selection in aesthetic zones and enable better inventory management. Shade selection is simplified by three methods:

1. Shades are arranged according to chroma, from weaker intensity to higher intensity of colour.
2. Shades are equidistantly spaced, creating visual logic to the eye.
3. Shades have a single opacity, making it easier to predict the final aesthetic of the restoration.

Four unique Aura Easyflow shades cover 16 VITA® A1-D4® shades, enabling an easy switch from traditional shading systems.



Approximate equivalence to VITA® A1-D4® shade guide

## LIFELIKE OPTICAL PROPERTIES

Aura Easyflow contains the same optical properties as as SDI's Aura, Aura Easy and Aura Bulk Fill. The development of Aura Easyflow completes the Aura composite range to provide a restorative material for every direct clinical use.

Aura Easyflow's filler and resin technology is specially tailored to display a chameleon effect. There is a lifelike blend of translucency, opacity, opalescence and fluorescence to mimic that of an unrestored, natural tooth.

## KEY FEATURES

4 shades cover 16 VITA® A1-D4® shades

Higher radiopacity than enamel

Controlled flow, does not slump

Flexural strength compatible for Class V

Very high compressive strength

Engineered filler technology

Easy shade matching

Lifelike optical properties

Stable aesthetics over time

# INSTRUCTIONS

**1** Clean and isolate tooth



**2** Etch tooth surface with Super Etch 37% phosphoric acid for 20 seconds



**3** Remove excess water. Keep moist



**4** Apply bonding agent to saturate all internal surfaces according to manufacturer's instructions



**5** Directly inject the flowable composite in increments of 2mm or less in: Class V restorations, pit & fissure sealants, conservative Class I, II, III and IV restorations or other indications as required



**7** Cure Aura Easyflow for 20 seconds in increments of 2mm



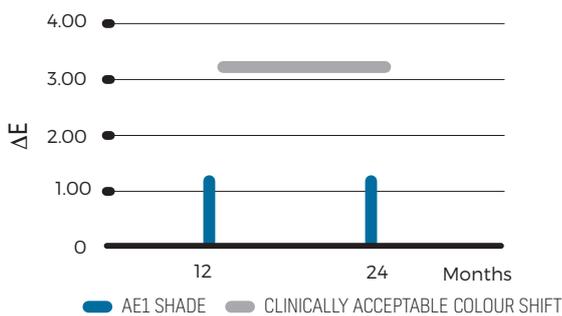
**8** Polish and finish



## STABLE AESTHETICS OVER TIME

Flowable composites are often selected as a material of choice for the repair of superficial defects. Particularly in the aesthetic zone, it is important that the shade remains stable for the life of the restoration. Aura Easyflow demonstrates colour stability over time, which facilitates long lasting satisfaction with the aesthetics of the restorative work undertaken.

### AURA EASYFLOW COLOUR STABILITY: COLOUR CHANGE ( $\Delta E$ ) OVER TIME FOR A DISC STORED IN DI WATER AT 37°C\*



## TECHNICAL TABLE

Filler load (total)	56% weight 32% volume
Depth of cure (mm)	2
Compressive strength (MPa at 24 hours)	421
Flexural strength (MPa at 24 hours)	128
Volumetric shrinkage (%)	4.8
Radiopacity (%Al)	265

# ORDER DETAILS



## SYRINGES

### Aura Easyflow Syringe Refill

1 x 2g syringe  
5 x single use disposable tips

Ae1	8566010
Ae2	8566011
Ae3	8566012
Ae4	8566013

## TIPS

**Flowable Disposable Tips** 8100160  
20 x single use disposable tips (20 gauge)

**Flowable Disposable Tips** 8100161  
200 x single use disposable tips (20 gauge)

\* SDI internal data

^ G-aenial™ Universal Flo, Filtek™ Supreme Ultra Flowable, Tetric EvoFlow® and SureFil® SDR® Flow are not the registered trademarks of SDI

1 Kusai Baroudi et al [2015], 'Flowable Resin Composites: A Systematic Review and Clinical Considerations', Journal of Diagnostic Research, NCBI

2 Sayna Shamszadeh et al [2013], 'Comparison of Flexural Strength of Several Composite Resins Available in Iran', Journal of Dental School

3 KM Lachowski et al [2013], 'Study of the radiopacity of base and other liner dental materials using digital radiography system, DentoMaxilloFacial Radiology, NCBI

~ Yap AU et al [2002], 'Changes in flexural properties of composite restoratives after gaining in water', Journal of Operative Dentistry, 27:468-74



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02-2024

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