



ARKONA

Ccreate

light cured dental composite
in blisters

Create

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in blisters



40 x 0.2 g

a single-use dose

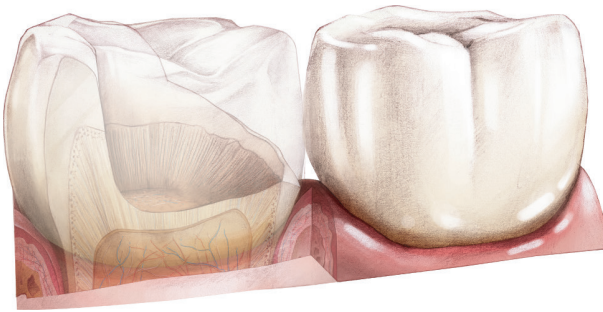
Get used to safety

REDUCES
BIOHAZARD

REDUCES
THE COST OF MATERIALS

REDUCES
TIME AND EFFORT
REQUIRED FOR ANY
FILLING PROCEDURE

USES



LARGE FILLINGS
AND ENDOCROWNS



BRIDGES - SINGLE
TOOTH RESTORATIONS

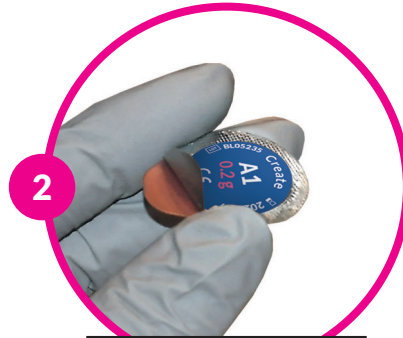
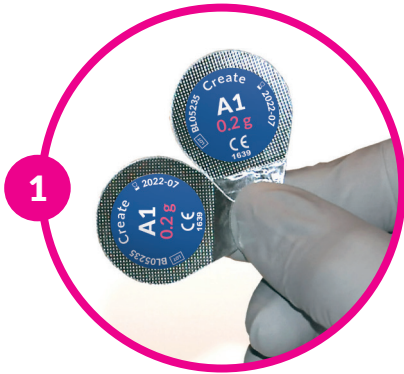


DENTAL SPLINTS
- SINGLE TOOTH
RESTORATIONS



CROWN RESTORATIONS

USER FRIENDLY BLISTER PACK



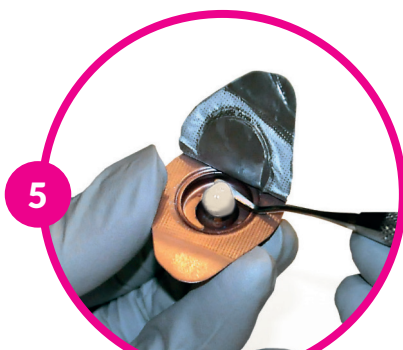
Convenient grip



Easy opening



Precise dose

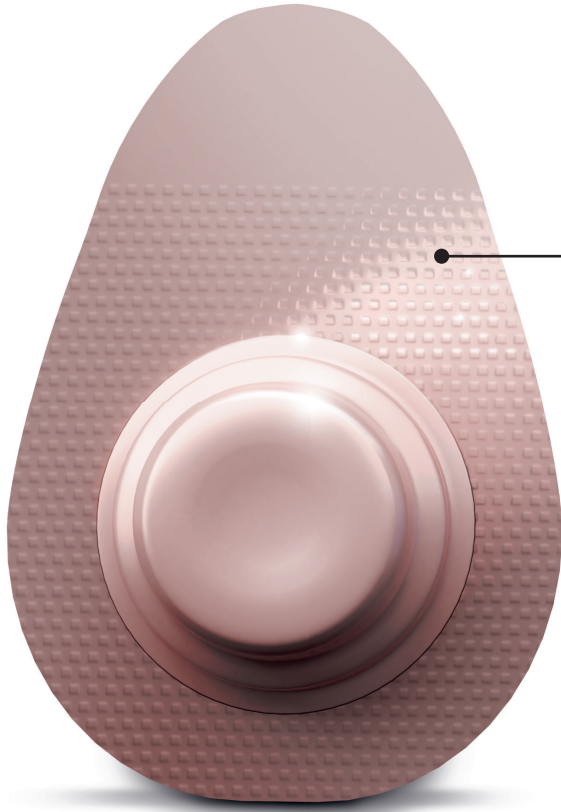


Simple application



Unit dose packaging

HOW CREATE IN BLISTERS REDUCES BIOHAZARD



CREATE blister

- is single-use
- reduces the risk of cross infection in the surgery
- contaminated materials are immediately discarded after each use



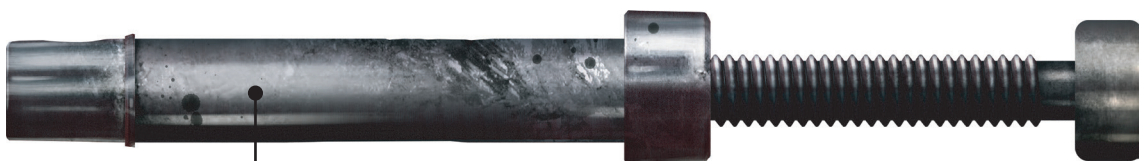
Always use CREATE in blisters in potentially high-risk groups of patients, such as pregnant women, children, elderly, immunocompromised and chronically ill persons.



Always use CREATE in blisters, in patients whose health may be a public threat i.e. persons with communicable diseases, persons of poor hygiene.



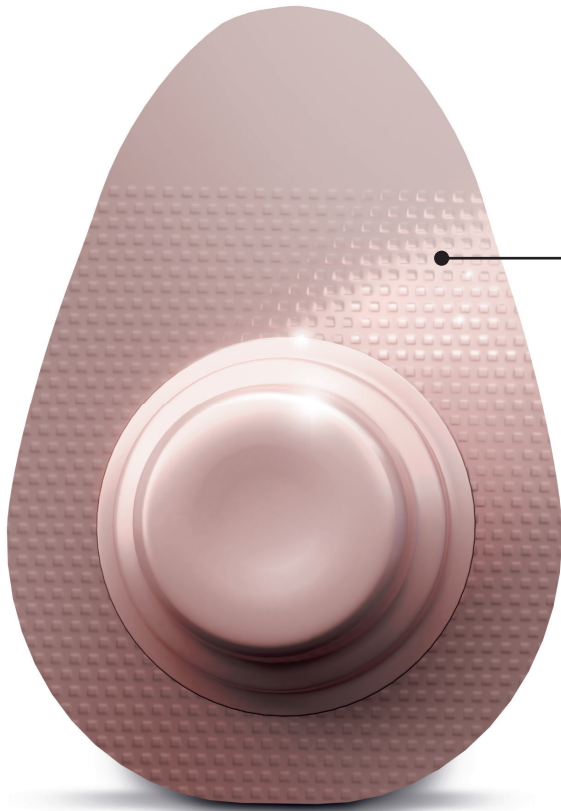
European standards mandate the use of an autoclave or the use of disposable medical products and instruments at all times.



SYRINGE

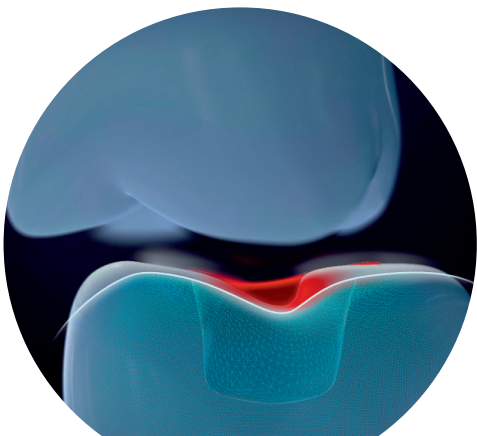
- always reused
- always contaminated with microorganism carried by the aerosol generated during dental procedures
- rarely disinfected (its tiresome disinfection after each patient is an absolute minimum of the required safety standards)
- a common source of cross infection in dental offices

HOW CREATE IN BLISTERS REDUCES COST OF MATERIALS

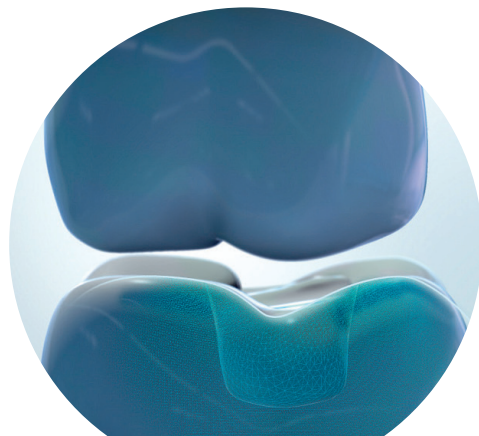


CREATE blister

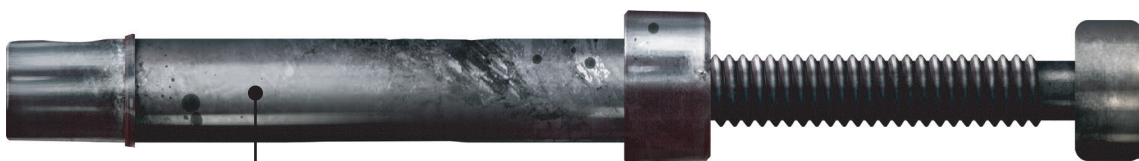
- a single-unit dose eliminates the problem of waste
- each blister is airtight, fresh and uncontaminated
- each blister is stable, without risk of the composite being slightly polymerised thus changing its properties
- allows precise calculation of expenditure as well as fast and thorough stock control



Excess composite requires time consuming polishing and adjustment



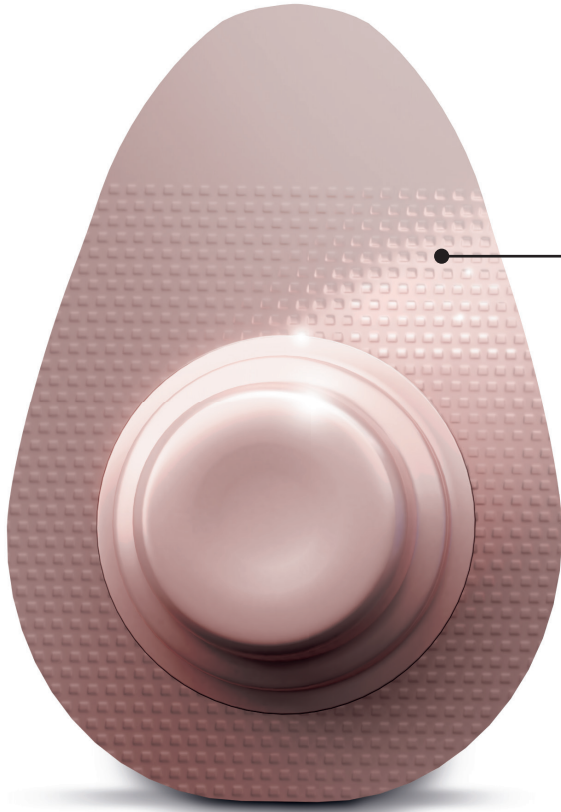
A precise dose suited to the size of the cavity



SYRINGE

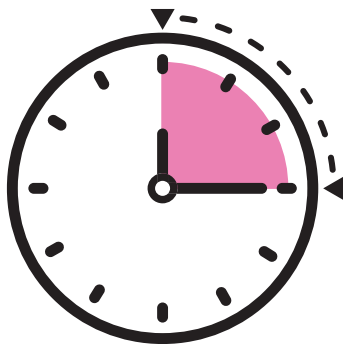
- always reused, often kept unsealed, might be used for many months after first opening
- tests shows that premature polymerisation and lose of properties may result in up to 10% of the composite being wasted
- its form makes precise stock control almost impossible

HOW CREATE IN BLISTERS REDUCES TIME AND EFFORT

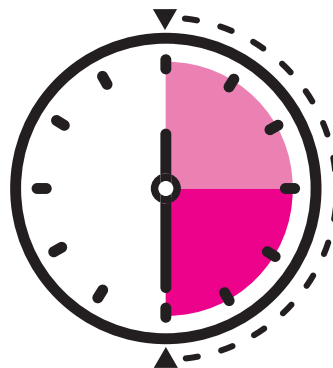


CREATE blister

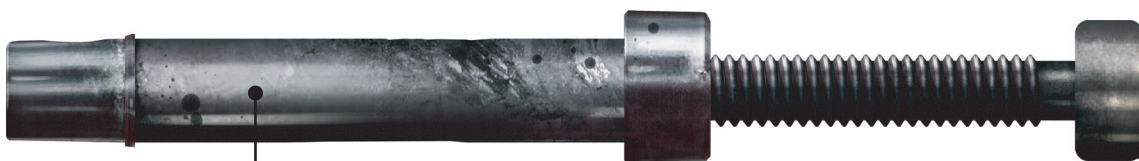
- reduces the time of making a filling by up to 50%
- eliminates the need for all the procedures related to syringes or composite guns usage



filling made using CREATE in blisters



filling made using a syringe



SYRINGE

- is reusable so it requires constant disinfection
- forces the dentist to conduct numerous unnecessary and cumbersome procedures

APPLICATION

CREATE is a light cured dental composite in a blister intended for one patient only, suitable for all types of fillings and restorations of cavities and defects in anterior, posterior, deciduous and permanent teeth of both caries and non-caries aetiology.

INDICATIONS FOR USE

Black's class I, II, III, IV and V cavities.

Permanent restorations using polyaramid and polyethylene fibre supports: crowns, endocrowns, bridges, inlay/onlay procedures.

Temporary crowns and bridges.

Dental splints, permanent – external or internal layer.

Dental splints, temporary – external layer.

Composite and acrylic prosthetic restoration repairs.

INSTRUCTIONS FOR USE

1. For fillings, choose the right shade from the CREATE composite shade guide before starting the treatment when the tooth is naturally moisturised.
2. Clean and prepare teeth in the normal way.
3. Wherever it is necessary, etch the surface using ETCHGEL, rinse and dry gently.
4. Apply a bonding system. CREATE can be used with any standard, light cured, dimethacrylate resin-based bonding systems. A bonding system should be applied in accordance with the manufacturer's instructions.
5. Open the blister peeling back the aluminium foil.
6. Load your instrument with the composite.
7. Fill the cavity, light curing each layer in accordance with the polymerisation table provided.
8. Adjust to the bite and polish.

Instructions for use in other clinical cases can be found at www.dentallifesciences.com

POLYMERISATION TABLE

Lamp	CREATE	20 s	30 s
Halogen/LED (500-800 mW/cm ²)	A1, A2, A3, B1, B2, C2, D2	2,0 mm	2,5 mm
	A3.5, OA2, OA3, D3	2,0 mm	2,2 mm
	T	2,8 mm	3,0 mm
LED (>800 mW/cm ²)	A1, A2, A3, B1, B2, C2, D2	2,5 mm	3,0 mm
	A3.5, OA2, OA3, D3	2,0 mm	2,5 mm
	T	3,0 mm	3,5 mm

CREATE is a polymer dental material type 1 (class 2, group 1), which meets the requirements of the ISO 4049 standard. CREATE composite undergoes free radical polymerisation activated by visible light from the blue region (400-500 nm).

CREATE has a radio-opacity equivalent to approx. 5 mm of aluminium (aluminium has a radio-opacity equivalent to that of dentine; thus 1 mm of material having a radio-opacity equivalent to 1 mm of aluminium has a radio-opacity equivalent to that of dentine and 2 mm of aluminium is equivalent to enamel).

COMPOSITION

Mixture of dimethacrylate resins: BisGMA, TEGDMA, UDMA, BisEMA; mineral fillers (about 78 wt%): Al-Ba-B-Si glass, Ba-Al-B-F-Si glass, fumed silica, pigments; photoinitiator (CQ : DMAEMA). The size of inorganic filler particles is between 20 nm and 2.0 µm.

CONTRAINDICATIONS ADVERSE REACTIONS

Do not use CREATE composite in patients with a known allergy to any of the components.

None known. However, an allergic reaction cannot be excluded in particularly sensitive individuals. In case of an immediate allergic reaction, stop using the product. In case of a delayed allergic reaction, remove the restoration.

LIMITATIONS IN USAGE, INTERACTIONS

Do not use if it is impossible to completely isolate the area from saliva, blood or moisture. Contamination may disrupt the polymerisation process, affecting the mechanical properties of the composite and decreasing the durability of the restoration, which in turn may result in secondary caries formation.

Do not use with materials containing phenolic compounds, especially eugenol and thymol. Such materials may disrupt polymerisation of the composite.

PRECAUTIONS

Avoid contact of unpolymerised product with skin, eyes and the soft tissues of the mouth. In case of such contact, rinse with plenty of water. In case of any symptoms, consult a doctor giving information about the product. To minimise the risk of contact, always wear personal protective equipment such as gloves, face masks and safety glasses. In case of swallowing or aspiration into the respiratory tract, seek immediate medical attention.

To isolate the operative field and to protect the patient, the use of a rubber dam is recommended.

Ensure sufficient polymerisation of the entire composite layer, especially in places which are difficult to access. Insufficiently polymerised product can be allergenic.

In case of any contamination of an unpolymerised composite, the contaminated material layer must be removed. In case of contamination or mechanical damage to an already polymerised layer, gently etch its surface and cover it with a bonding system. Cure in accordance with the polymerisation table provided.

In case of insufficient polymerisation, remove the incorrectly polymerised layer and apply another one, curing it correctly.

Protect the blisters against mechanical damage. Do not use if the blister is suspected to be defective or damaged.

WARNINGS

Keep out of reach of children and unauthorised persons. Protect from light. Polymerisation of the composite may be initiated by ambient light or by a dental operating lamp. Protect from heat. Do not freeze. Use in accordance with the manufacturer's instructions. Do not use after the expiry date.

STORAGE

Store at a temperature under 25°C. Do not expose to direct sunlight. If stored at a lower temperature, bring back to room temperature before use.

For use by dentists and dental technicians only.

WARRANTY

ARKONA will replace products that have been proved to be defective or will refund the price of purchase. ARKONA is not liable for any loss or damage caused by misuse or improper use of the product.

ARKONA

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