

# SpectraFlow™ by GlasSpan®

## Light-Cured Easy Flowable Nano-microhybrid Composite

SpectraFlow™ by GlasSpan® is a light-cured nano-microhybrid restorative flowable composite for lining anterior and posterior restorations and for sealing pits and fissures. It is based on a BIS-GMA resin formulation with inorganic filler particles of 0.05-1 µm. The total filler load is 61% and the total filler volume 41%. The composite material meets the requirements of DIN EN ISO 4049.

### Indications

- Lining Class I, II, III, IV and V restorations
- Sealing of pits and fissures

### Side Effects

Irritations resulting from direct or near contact with the pulp cannot be ruled out. Therefore appropriate desensitizing agents or pulp protection on the cavity floor in cases of deep excavations should be considered.

### Incompatibility with Other Materials

Do not use in combination with substances containing eugenol because eugenol can impair the hardening of the composite and causes discoloration. Do not store the composite material in proximity of eugenol containing products, or let the composite come into contact with materials containing eugenol.

### Cavity Preparation

After isolation (best with a rubber dam) prepare the cavity with minimal tooth reduction.

Condition and apply an adhesive bonding agent according to the manufacturers instructions.

### Placement of GlasSpan SpectraFlow™

Apply GlasSpan SpectraFlow™ with a non-metallic instrument or express it through a needle-tip syringe.

### Curing of GlasSpan SpectraFlow™

For an optimum result apply GlasSpan SpectraFlow™ in layers no greater than 1 mm. Use a polymerization unit with at least 1000mW/cm<sup>2</sup> and a wavelength range of 400 to 500 nm (blue light) to cure each layer for 20 seconds.

### Storage

Do not store above 25 °C (78 °F). Cool storage prolongs shelf-life

### Additional Notes

- Do not use any resin to adjust the viscosity of this composite restorative material.
- Contact of resin pastes with skin should be avoided, especially by anyone having known resin allergies.
- GlasSpan® Composites are shaded according to VITA®-Shades.
- VITA® is a registered trade mark of the VITA-Zahnfabrik, Bad Säckingen, Germany

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