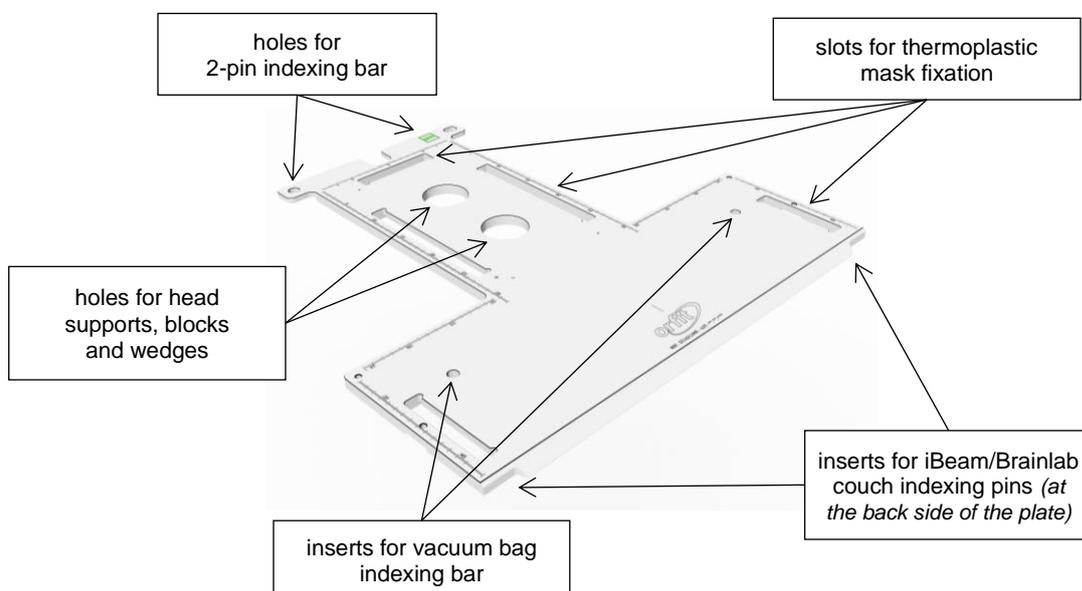


# RAYCAST® HIGH PRECISION BASE PLATES

## HIGH PRECISION BASE PLATE IN GLASS FIBRE LAMINATE



Article No. : **32110/MR**

### A. GENERAL PRODUCT INFORMATION

This product is a medical device used for patient positioning and immobilisation (head & neck) in radiation therapy. This low density plate can be used during both the simulation and the treatment stage, including MRI simulation.

### B. PRODUCT DESCRIPTION

This RAYCAST® HIGH PRECISION BASE PLATE in Glass Fibre Laminate (GFL) is suitable for use in combination with the range of Efficast® thermoplastic Head & Neck and Head, Neck & Shoulders masks, Raycast® High Precision Head Supports, Blocks, Wedges and Couch Indexing Devices to form a reproducible patient positioning and immobilisation device in the field of radiotherapy. Information on these other parts and instructions on how to make the masks can be found in the respective 'instructions for use' and on [www.orfit.com](http://www.orfit.com).

### C. PRECAUTIONS FOR USE

Always place the base plate on a flat surface and make sure that it is completely supported by the couch.

Always fix the base plate securely to the treatment couch before positioning a patient. More information on how to fix this base plate to a couch top can be found on our website <http://www.orfit.com/en/fixation-devices/>.

The GFL base plate is constructed to be light in weight and to have superb dosimetric properties. When handled roughly, it may get damaged and fibres may come off. When this happens, stop using the base plate to prevent fibres from getting in contact with the patient's or user's skin. Contact your distributor.

### D. STORAGE

Always store the product in a safe place to prevent it from getting damaged or falling onto other objects. Take care not to damage the edges of the plate when storing it in an upright position. Prevent hard objects from falling onto the plate. Store the base plate between +10°C (50°F) and 40°C (122°F).

### E. PROPERTIES

#### E.1 Physical Properties

This plate is made of a glass fibre laminate.

Dimensions : L 530 mm x W 540 mm x H 12 mm  
L 20.87" x W 21.26" x H 0.47"  
Weight : 0.75 kg  
1.65 lbs

#### E.2 Dosimetric Properties

Attenuation factor (± 0.15 %)	
6 MV	1.3 %
15 MV	0.85 %
H <sub>2</sub> O equivalence	3.7 mm

Note: Use these numbers as a guidance only. Perform the measurements again in your department to verify these results.

#### E.3 Material Properties

This product is not magnetically attracted, does not have an effect on the susceptibility of the magnetic field, does not

create significant noise in the MR scan and it does not warm up during scanning. This product is labelled as 'MR safe'.



#### F. MAINTENANCE AND WASTE MANAGEMENT

This product can be cleaned and disinfected by means of soapy water or an isopropanol based disinfectant, applied with a soft cloth. If unsure about the cleaning fluid, do not use. **Never use aerosol sprays, corrosive cleaning agents, solvents or abrasive detergents.**

Periodic checks of the product should be done to insure the parts are not worn and require repair or replacement. **Do not attempt to make repairs yourself.** Contact your distributor if there are any questions or concerns. The product can be disposed of with household waste.

#### G. ADDITIONAL INFORMATION

For additional information such as distributor contact information, product brochures, Safety Data Sheets and regulatory information, please visit our website [www.orfit.com](http://www.orfit.com).

#### Note:

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