



Flame Polishing

Marcryl acrylic flat sheet can be flame polished. Normally the marks of the preceding sawing or milling operation are still visible after polishing unless an intermediate step of scraping the edge smooth is carried out.

The edges must be free from notches, swarf or dust and oils or greases (hand prints).

Thicker sheets cannot normally be flame polished because of the excessive surface stress that can build up during the treatment.

If flame polishing is not skilfully performed and the flame touches the area behind the edge this may result in thermal stress build up. This may lead to cracking or crazing during further treatment or in use.

A high temperature flame is most appropriate e.g. Hydrogen/Oxygen.

A quick and steady pass with the torch should be sufficient. If a second pass is needed allow the material to cool prior to repeating the process. Do not allow the flame to remain stationary otherwise the material may scorch, bubble, become discoloured and even catch fire.



Brett Martin Ltd. pursues a policy of continuous product development and reserves the right to amend specifications without notice.

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