

Acrylic is a strong, hard wearing plastic that can be manipulated.

Properties include: strong, available in eye catching colours, can be bent, twisted and stretched. Also can be cut, filed, drilled and sanded.

Finish: High shine. Has a protective layer of thin plastic on the outside to avoid scratching.

TOP TIPS:

1. Make sure the protective layer is on your acrylic before cutting and drilling.
2. Do not rush when drilling – be careful of air holes.
3. Plan thoroughly by creating 'scale' paper templates
4. In order for your mechanism to fit, your clock must be 3 layers of acrylic thick.
5. Take your time to maintain a quality finish.

Keywords:

- Design Brief
- Specification
- Plan
- Research
- Customer
- Analysis
- Product
- Initial ideas
- Generate
- Develop
- Communicate
- Model
- Template
- Construction
- Test
- Evaluate
- Reflect
- Critical
- Acrylic
- Mechanism
- Liquid solvent
- Adhesive
- Properties
- Durable
- Strong
- Manipulate
- Sticker cutter
- Vinyl
- CAD Computer aided design

ACCESS FM

Use this acronym to analyse existing products...

Acrylic Clocks

Design Brief – (Task and duration)

Colour

Use hand and power tools to manipulate acrylic and construct an eye catching working clock with a fitted mechanism.

Design work: should include

accurate drawing, labels, colour, annotations, own opinions, feedback....

Strengths?

Weakness?

Improvements?

Changes?

Opinions?

Reflection

Skills

Techniques?

EVALUATION

