

Learner Self-reflection – 24355 (v3) Demonstrate knowledge of construction and manufacturing materials used in BCATS projects

Student name:

1. What is the most common exotic timber that is grown in plantations in New Zealand?

2. Name 2 types of New Zealand native timbers that can be used for high-quality furniture.

1.
2.

3. Name an imported timber that can be used for decking and outdoor furniture.

4. List 3 types of timber that are commonly used for woodturning.

1.
2.
3.

5. Describe the effects of moisture on MDF.

6. Name a lightweight expanded plastic that is used for insulation in houses as well as for buoyancy in boats.

7. Name a commonly used metal that can be easily joined by welding.

8. List 2 materials that could be used for the walls of a dog kennel.

1.
2.

9. List a hard, transparent material that can be manufactured to be noise-resistant, flat or curved, polished or textured surface and even bulletproof.

10. Name the plastic sheet material that is commonly used as a waterproof membrane under concrete.

11. What are the 3 main materials that make up concrete?

1.
2.
3.

12. What is the function of a primer coat when painting?

13. Identify 3 methods that are commonly used to apply a paint finish.

1.
2.
3.

14. Name 2 types of polishes and state the advantage that polish has over oil finishes.

Polish 1: _____

Polish 2 _____

Advantage compared to oil: _____

15. Name 2 types of varnishes, briefly stating an advantage of each one.

Varnish 1: _____

Advantage: _____

Varnish 2: _____

Advantage: _____
