# Activity 6 – 24360 (v2) Demonstrate knowledge of timber and other construction materials used in BCATS projects

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| **Student name:** |

1. What are the 4 main ingredients needed to produce concrete?

1. 2.

3. 4.

1. The concrete ratios are 1:2:4. What are the ingredients for each?

1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How does the inclusion of steel increase the strength of concrete?

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1. What type of nails should be used when joining MDF?

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1. What type of glue is commonly used on exterior plywood and marine ply?

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1. The sheet of plywood you have ordered is an A-D grade. Describe how these grades will determine what the sheet will look like?

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1. Describe 2 means of protecting steel from the weather.

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| 1.2. |

1. Describe the consequences of placing aluminium in contact with other metals, such as copper or steel.

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1. Using the [www.gib.co.nz](file:///%5C%5Cbcwnfp%5CQuals%5CDevelopment%5C02%20BCATS%5C05%20Resource%20-%20Learning%5C2016%20Upload%20to%20web%5C24360%20-%20timber%5Cwww.gib.co.nz) website as a reference, describe the steps to be taken to fix plaster board sheets to wall framing.

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