Unit 107: Working with brick, block and stone

# Worksheet 32: Wall ties in cavity walls (tutor)

Learners should work independently to answer the questions.

1. List **two** common faults involving wall ties that can occur during cavity wall construction.

Any of the following answers are acceptable.

1. Mortar droppings in cavity
2. Wall tie ends not sufficiently bedded in mortar joint
3. Insufficient number of wall ties
4. Wrongly positioned
5. What is a method of reducing/preventing mortar dropping from building up in the cavity?

Any of the following answers are acceptable.

* Using cavity battens
* Using coring holes

1. What could happen if mortar droppings are allowed to build up on wall ties?

Moisture could be conducted inside the structure

1. Who has the final responsibility to check that materials and components are free from defects?

The bricklayer

1. Explain why wall ties are manufactured from stainless steel.

Stainless steel is very resistant to rust and corrosion (or similar answer).