

## **1. GENERAL**

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### **1.1. AIMS**

#### **Responsibilities**

Provide termite management products and systems to protect the whole of the building

### **1.2. CROSS REFERENCES**

#### **General**

General: Conform to the *General requirements* work sections.

### **1.3. STANDARD**

#### **General**

Termite barriers: To AS 3660.1

### **1.4. INSPECTION**

#### **Notice:**

Give sufficient notice so that inspection may be made of the completed termite barriers.

### **1.5. TESTS**

#### **Non Chemical Barriers**

Contractor to supply certification that only 725 grade, stainless steel woven mesh, has been supplied and installed (by an accredited installer) for the termite barrier system, in accordance with manufacturers specifications.

## **2. PRODUCTS**

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### **2.1. NON-CHEMICAL BARRIERS**

#### **Concrete slab barrier**

Standard: To AS 3660.1 Section 4

Services penetration barrier type: 725 Grade Stainless Steel Woven Mesh

#### **725 Grade woven stainless steel mesh barriers**

Standard: To AS 3660.1 Section 6

#### **Termite cap and strip shields**

Standard: To AS 3660.1 Section 5

Material: 725 Grade Stainless Steel Woven Mesh

### **2.2. CHEMICAL BARRIERS**

#### **Chemical Barrier Systems**

Not preferred. If deemed absolutely necessary due to construction constraints then chemical barriers including soil barriers, barriers in a non-soil matrix and reticulation/ distribution systems must be applied in strict accordance with AS 3660.1.

### 3. EXECUTION

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#### 3.1. NON-CHEMICAL BARRIERS

##### Concrete slab barrier

Standard: To AS 3660.1 Section 4.

##### Woven 725 grade stainless steel woven mesh barriers

Standard: To AS 3660.1 Section 6.

##### Termite cap and strip shields

Standard: To AS 3660.1 Section 5.

#### 3.2. CHEMICAL BARRIERS

##### General

Not preferred. To AS 3660.1 Section 8 if deemed absolutely necessary.

#### 3.3. COMPLETION

##### Termite barrier notice

Provide a durable notice permanently fixed in a prominent location to BCA B1.4 (i) (ii) or clause 3.1.3.2(b) and AS 3660.1 Appendix A.

##### Waste materials

Ensure that no waste materials which could attract termites remain on site.

##### Guarantee

Provide a guarantee on all products and systems:

##### **Non-Chemical Barriers**

Minimum period: 10 years covering product, 20 years on workmanship.

Product guarantee has no maximum dollar limitation on repairs to structural and secondary timbers.

Product guarantee has no limitation on the number of times it can be renewed.

##### **Chemical Barriers (not preferred)**

Minimum period: 10 years with no reliance on annual inspections to maintain validity.

##### Completion inspection

At the end of the defects liability period, accredited contractor to inspect the termite control systems and submit a report on their efficacy and status.

### 4 SELECTION

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#### 4.1 SCHEDULE

Termite barriers schedule

Barrier Designation	
Location	Concrete slab on ground, Suspended floors
Slab	Designed to comply with AS2870 or AS3600
All vertical slab penetrations	725 grade stainless steel woven mesh (Detail 109A)
All joints between new and existing slabs	725 grade stainless steel woven mesh (Detail 104A)
All construction/control joints between slabs	725 grade stainless steel woven mesh (Detail 104B)
Building perimeters	725 grade stainless steel woven mesh (Designed to suit construction type)
Suspended timber floors	725 grade stainless steel woven mesh (Designed to suit construction type)