

## SPECIFICATION AND METHODOLOGY FOR SUNKEN SLAB WATERPROOFING

### Sunken slab Criteria

- Fully cured -28 days
- Proper care should be taken for all the critical areas like water closet, bore packing etc.

### Specification for Sunken slab waterproofing

Apply 2 coats of waterproofing system to the sunken slab with **MYK AQUAFIN IC**, all complete with special treatment to down take pipe.

The product should demonstrate following properties

- Chloride free
- Crack bridging -up to 0.4mm
- Excellent pore blocking.
- Resists water head pressure up to 13 bars for both positive and negative

### Products recommended

- 1) **MYK Aquafin-IC**- It is a single component crystalline waterproofing. Continually active and it can be applied on damp substrates.

**Pack Size:** 25 kg Pack

**Consumption:**

**MYK Aquafin IC** to be applied 1.2 Kg /m<sup>2</sup> in two coats.

### Methodology

Step-1:- Surface preparation

Step-2:- Mixing of **MYK Aquafin-IC**

Step-3:- Application of **MYK Aquafin-IC**

### Surface preparation

- Proper preparation of the substrate is essential for better adhesion with the forthcoming surface.
- The surface should be free from contamination such oil, grease, loose particle by a mechanical mean like wire brushing, vacuum cleaning
- If any visible cracks more than 0.4mm then make a U-groove which is 20mm wide and 25mm deep and filled with **MYK Asocrete IM** Crystalline mortar before application of the Waterproof coating.
- The surface pores should be opened.
- If smooth surface then it should be mechanically abraded in order to achieve good penetration.

### Mixing of MYK Aquafin IC

- Take 6.75-8 lit of clean water in a clean container.
- Add 25 kg bag of **MYK Aquafin-IC** into the container and stir it thoroughly by a mechanical mean @500-700 rpm until a homogeneous mix is obtained.

### **Application of MYK Aquafin IC**

- The substrate should be in saturated condition with water.
- Care should be taken that there is no water pooling / excess water standing on the floor.
- The **MYK Aquafin-IC** is applied horizontally @ 1.2 kg/m<sup>2</sup> in two coats.
- The material is applied with a brush evenly on the substrates.
- The second coat is applied on 'wet on wet' condition.

### **By brush:**

The application of **MYK AQUAFIN-IC** is a simple brush application.  
Use roofer brush.

### **Curing of MYK Aquafin-IC**

Water curing is required 2 times in a day for 3 days.

The coated substrate/area can be exposed to:

- Foot traffic after 5 day
- Backfilling after 3 days

at ambient temperatures of +20° C and 60%relative humidity.

### **WATCHPOINTS**

- All fittings like drain water pipes etc should be fixed prior to the treatment as these are the weak portions and may tend to leak.
- All the critical areas like water closet, bore packing should be treated properly.
- The pore should be kept open before doing the application of **MYK Aquafin IC**.
- Application of 2nd coat should be timely applied.
- If the temperature is more then curing is done 3 times in a day.

### **Health & Safety**

- Adopt health & safety regulations in accordance with local laws. Care should be taken when handling.
- **MYK AQUAFIN-IC** as it is may cause irritation due to its cementitious nature (please refer to Material Safety Data Sheet for specifics).
- As typical on most job sites, applicators should wear protective clothing and gloves. Those handling and mixing **MYK AQUAFIN-IC** should wear a facemask. Safety shoes and helmets must be worn by staff at all-times.
- **MYK SCHOMBURG** recommends the enforcement of stringent health and safety measures on all job sites.