

MANUFACTURING MONOLITHIC CONCRETE SLAB FOR FILTERS

TECHNICAL SPECIFICATION

INDEX

1. APPLICATION FIELD.....	2
2. MATERIALS.....	2
3. DELIVERY – PACKAGING.....	4
4. RECEPTION – CONTROL.....	4
4.1. Materials.....	4
4.2. Control.....	4
5- ATTACHMENTS.....	5
• Dimensional plane of tray FFM-102-H01- Rev07	
• Dimensional plane of filter nozzle BFP-103-H1-Rev05	
• Certificates and data sheets of materials.	

1- APPLICATION FIELD. SCOPE

These specifications apply to manufacture and control of plastic lost formwork and filter nozzles to construct the **MONOLITHIC CONCRETE SLAB (FALSE MONOLITHIC BOTTOM)**

The formwork and filter nozzle are the key to the proper operation of filters. These parts are made by plastic injection.

2- MATERIALS

The plastic lost formworks are in contact with drinking water. The materials for their manufacture comply with the regulations in force in the country where the forms will be installed.

The supplier shall ensure, at all times of manufacture, that the materials used are those for which it has submitted a Compliance Certifications of Health.

The materials are approved by Salas SRL who took in charge the delivery of the ACS for the parts and accessories made with these materials. The purchaser must improve, with its own suppliers of raw materials, a procedure to be informed of any change in the manufacturing of these materials. Purchaser must immediately inform SALAS by writing with return receipt requested, about this eventual change.

Any new manufacture will be prohibited until such materials has not been approved by SALAS, who will verify the characteristics of this new material and its compliance with regulations in force, and report to the laboratory in order to validate the change in nomenclature.

SALAS reserves the right to reject this material if it is susceptible to challenge a new ACS for accessories.

Under no circumstances should the purchaser change on their own, the raw materials and begin manufacturing of pieces with a different material than that defined by this specification, without having received before written authorization by SALAS.

Failure to comply with this rule is consider as a violation and SALAS reserves the right, in that case, with a notice of one month, to proceed with the recovery of tooling and entrust it to another provider.

By contrast, SALAS may modify or change the material in case of evolution or a particular utilization occurs after the establishment of these specifications.

The lost formwork will be made from polymers propylene / ethylene by injection.

The material approved is: **CUYOLEN 2240P**, Black color.

Made by PETROQUIMICA CUYO S.A.I.C

The filter nozzles will be made from a mixture of resins by injection. The material approved is: **TERLUAN GP-22**, Natural color. Made by BASF

The fixing coupler with cone and nozzles caps will be made from polymers propylene / ethylene injection.

The material is approved: **CUYOLEN 2240P**, Natural color.

Made by PETROQUÍMICA CUYO S.A.I.C

The sealing rings (gaskets) will be made from polyethylene resins by injection. The approved material is: **ENGAGE 8130**, natural color.

Made by PBB POLISUR S.A

THE USE OF RECOVERED MATERIAL IS PROHIBITED

3 DELIVERY – PACKAGING

Formworks will be stacked no more than 20 formworks and will be placed on a pallet (two rows per pallet) and protected by a film. The dimensions of the pallet must be slightly greater than the dimensions of the two rows of forms.

The filter nozzles are packed in polyethylene bags of 50.

4 RECEPTIONS – CONTROL

4.1 Material.

Will be responsibility of supplier to ensure at the time of manufacturing that the material used meets what was defined in Item 2.2 of this specification.

The supplier shall establish, under its responsibility, a process of reception and control of incoming of raw materials. In case of argument or doubt about the quality of the finished product, SALAS reserves the right to perform the analysis in a laboratory of his choice of a sample of the finished product.

Acceptance and control of material by SALAS in any case release the supplier from his liability.

4.2 Control

The control is a non-destructive essay and consists on:

- Dimensions according to plans.
- External aspects (burning, bent, deformation).
- The tightening torque of 10 Nm in filter nozzles.

These checks will be subject of internal procedures drafted by the supplier, validated by SALAS.

The procedures written by the purchaser also will describe the procedures for starting the fabrication.

Remark: with each stop manufacturing (lack of energy or other) the re-start will be managed as a beginning of manufacturing.

5 ATTACHMENTS

- Plastic Lost Formwork. Dimensional Plan FFM-102-01-Rev07
- Filtering Nozzle. Dimensional Plan BFP65 BFP-103-01-Rev05
- Certificates and material data sheets.