

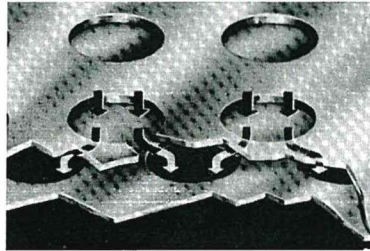
# Underdrains

## MATERIALS of CONSTRUCTION

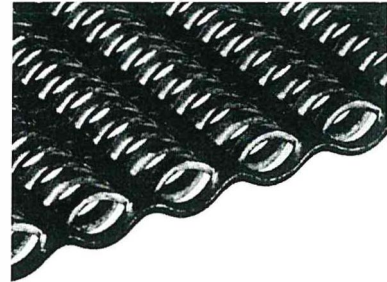
**LEEM/LSS** offers a variety of proven metallic filter media including NEVA-CLOG, POR-O-SEPTA, WEDGEFLOW®, and woven screen cloths in a variety of meshes. Alloys are stainless steel and alloys of greater corrosion resistance.



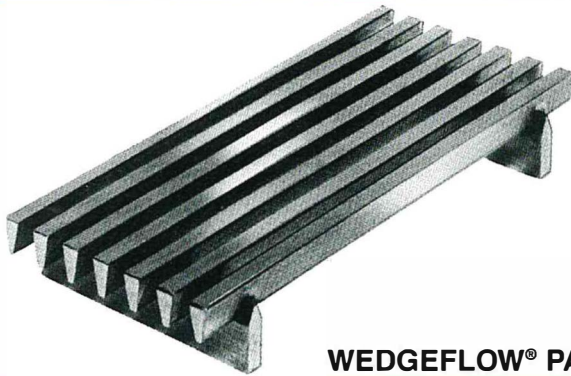
WEDGEFLOW® CAPS



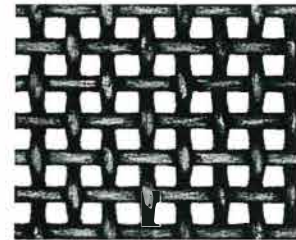
NEVA-CLOG



POR-O-SEPTA



WEDGEFLOW® PANELS



WOVEN SCREENS

## UNDERDRAIN DESIGNS

Proven designs are manufactured to provide maximum strength and flow with minimum pressure loss. This service is available both for new installations and the modernization of existing facilities for increased economies

From process flow sheets, **LEEM/LSS FILTRATION** engineers will evaluate and design underdrain assemblies to meet your specific needs.

Let **LEEM/LSS FILTRATION** Engineer and Design Your:

Beam Supports  
POR-O-SEPTA support screens  
Wire Cloth filter media  
WEDGEFLOW® filter cap type filter media  
Sealing and hold down assemblies

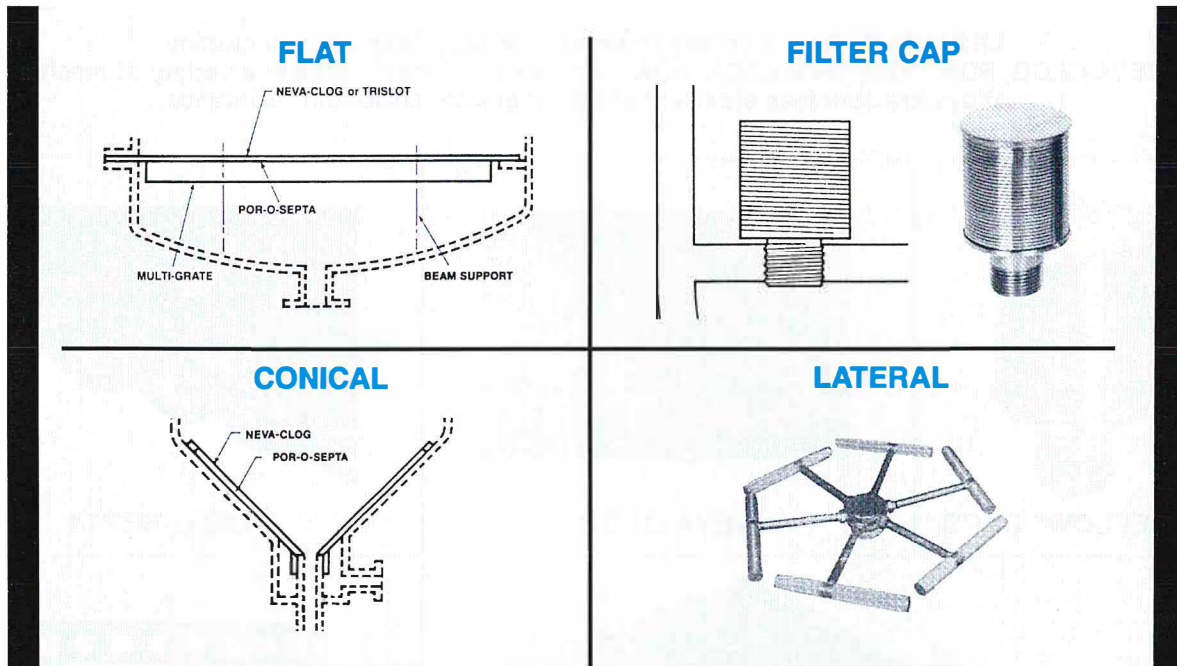
MULTI-GRATE sub-supports and retaining rings  
NEVA-CLOG filter media  
WEDGEFLOW® lateral type filter media  
WEDGEFLOW® flat type filter media



**LEEM Filtration**

25 Arrow Road • Ramsey, NJ 07446  
[www.leemfiltration.com](http://www.leemfiltration.com)

# Underdrains



*The properly designed underdrain must:*

- Be structurally sound
- Allow maximum vessel capacity of granular media
- Uniformly support the load over its entire surface area
  - Retain the finest granules and resist clogging
- Provide minimum pressure loss and/or uniform drainage
- Be of corrosion-resistant material to insure long service life, especially in inaccessible locations or hazardous service
- Permit backwash, regeneration in place or hydraulic discharge
  - Eliminate the need for subfill

## APPLICATIONS:

Activated Carbons • Ion Exchange Resins • Sand  
Molecular Sieves • Catalysts • Silica Gels  
Desiccants • Other Packing Materials



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