



**CGSL**

## Stackable Flood Barrier with Mechanical Seals

This heavy-duty, stop-log-style flood barrier provides reliable flood protection for wide openings that are subject to relatively high floodwaters. The patented, modular design of CGSL stop logs enables convenient storage and transportation options to site; and easy deployment by one or two people when needed. Compression gaskets, made of high-density, closed-cell neoprene, provide an effective water seal with minimum maintenance. An aluminum sill plate protects recessed threshold to prevent tripping hazard when barrier is not in use.

### HEAVY-DUTY FLOOD PROTECTION

CGSL flood barriers exceed FEMA and NFIP Floodproofing Certification Standards. When floodwaters threaten, simply stack logs on top of each other and tighten dogs and bolts to secure the logs. Barriers are available in 6" and 8" high logs and are engineered for higher flood waters as compared to our line of FastLogs.™ Various barrier heights can be achieved by simply adding additional logs. These barriers are easily stored and transported when needed.

### APPLICATIONS — THE CGSL AT WORK...

CGSL Stop Logs provide effective flood protection in commercial & industrial applications and for critical infrastructure and civic facilities such as transit systems, utilities, stadiums and parking garages. These barriers are engineered to handle seated and unseated loads in large openings, where very low leakage is required in large openings. Suitable for new or existing construction.

- ▶ Patented design can handle seated and unseated loads
- ▶ Compression gaskets provides effective protection with minimum maintenance
- ▶ Jamb is on the outside leaving opening clear
- ▶ 6" or 8" aluminum stop logs are rust free and highly durable
- ▶ Exceeds FEMA & NFIP Floodproofing Certification Standards



<b>Size</b>	Custom built to match opening size
<b>Panel</b>	6063-T5 aluminum channels
<b>Frame</b>	Low carbon steel with aluminum jamb covers
<b>Seals</b>	Presray type 25 durometer, fully-molded neoprene (Viton® and other materials are available for special environments)
<b>Sill Cover</b>	Aluminum plate
<b>Finish</b>	Panel: Bright aluminum plate Conversion Frame: Primed with rust inhibitive, lead free, red primer

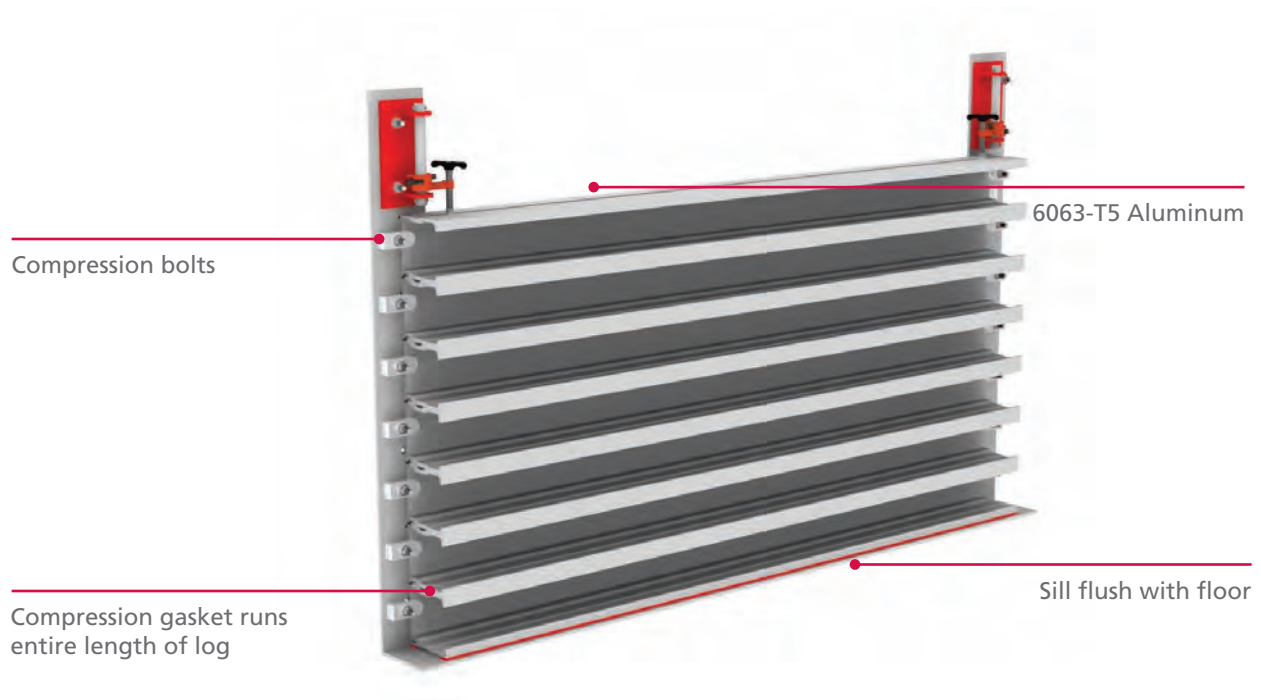
### AVAILABLE OPTIONS

- ▶ Removable jamb when face mount jamb can't be used
- ▶ Compression Gaskets available in Viton® and other materials
- ▶ Hinged cover plates for jamb sides and floor sill available in a variety of materials

### CUSTOM BUILT TO MEET YOUR REQUIREMENTS

Every CGSL Flood Barrier is custom built from shop drawings to ensure that it meets the special needs of your building or facility.

Barrier is designed with a minimum of a 2:1 factor of safety based on material yield strength, and will provide an effective seal against the flood level for which it is designed.



**FOR MORE INFORMATION**

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