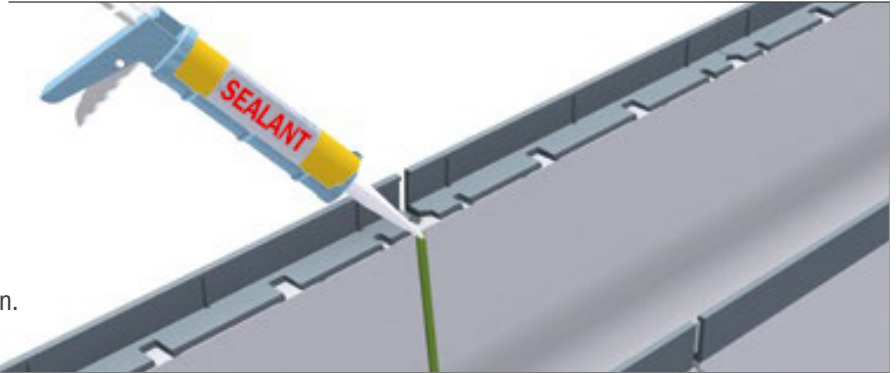


# HydroTec™

## »» Guide for Sealing Channel Joints

Since HydroTec systems are surrounded by concrete encasement during installation, sealing the channels from the inside is not typically required. However, a sealant can be applied to the joint grooves as an added precaution, or for applications where a 'liquid-tight' channel system is required or specified by the designer.



Wear gloves and eye protection.  
Always Follow Local Codes.

For effective sealing where required, we recommend using Sika® Primer-3 N one-part primer first, then Sikaflex® PRO-3 - a 1-part high-performance civil engineering joint sealant. Before sealing the joints, the tongue-and-groove connection surfaces must be clean, and free from dust and loose particles. The primer (Sika® Primer-3 N) can then be applied to prepare the surface for the sealant (Sikaflex® PRO-3). Apply primer and sealant according to manufacturer's instructions. To help determine the amount of sealant that will be needed, use the table below, which shows the joint length for each of the HydroTec systems.

Note: 1 oz of sealant will be needed to seal a joint of approximately 10".

Inflow Volume qr = [gal/inch-h]	Joint Length				
	Maxi/Top 100	Maxi/Top 150	Maxi/Top 200	Maxi 300	Maxi 400
Neutral - Channel Height 1	10.6"	15.7"	24.0"	31.9"	36.2"
Neutral - Channel Height 2	12.6"	19.7"			
Neutral - Channel Height 3	14.6"	23.6"			
Neutral - Channel Height 4	16.5"	-			
Neutral - Channel Height 5	18.5"	-			
Sloped - Channel Height 1	10.6"	15.7"			
Sloped - Channel Height 2	11.0"	16.5"			
Sloped - Channel Height 3	11.4"	17.3"			
Sloped - Channel Height 4	11.8"	18.1"			
Sloped - Channel Height 5	12.2"	18.9"			
Sloped - Channel Height 6	12.6"	19.7"			
Sloped - Channel Height 7	13.0"	20.4"			
Sloped - Channel Height 8	13.4"	21.3"			
Sloped - Channel Height 9	13.8"	22.0"			
Sloped - Channel Height 10	14.2"	22.8"			