

# Dowel Basket Anchoring Options

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# Dowel Basket Attachment – Current Methods



**Powder, Pneumatic, Gas, Manually Driven, Power Driven**

## Steel Spike

- Manually driven or driven with electro pneumatic/air tool
- Most Common - baskets will often come with spike included
- Used on a variety of base course materials
- Labor intensive



# Pneumatic System

- Fast installation with collated fasteners
- Air powered tools do not require installer certification like powder tools
- Clip or brick tie are separate from fastener
- Works well in concrete and asphalt applications
- Portability could be difficult





## Compressed Gas - GX

- **Fast installation with collated fasteners**
- **Gas powered tools do not require installer certification like powder tools**
- **Clip or brick tie are separate from fastener**
- **Works well in concrete applications**
- **Due to fastener length may not be suitable for HMA base material**



## Powder Actuated - DX

- Fast installation with collated fasteners
- Either pre-mounted fastener (1-3/4" and 2-1/2") or clip only
- Fits geometry of dowel basket assembly for better hold
- Works well in concrete or asphalt applications
- Wide range of fastener length and diameters possible



# Hilti Installer Training: comprehensive office or jobsite certification



**Tool safety, proper fastener selection, power adjustment, and base material suitability.**