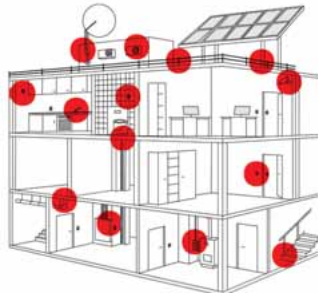







APPLICATION OVERVIEW – DIAMOND CORE BITS

Materials/Applications		ZEBRA Longlife & Speed Wet Core Bits Art. No. 5456 0.../5456 1... (replacement core bit)	Würth Wet Core Bits Art. No. 5457 0.../5457 1... (replacement core bit)	ZEBRA Dry Core Bits Art. No. 5456 2.../ 5456 3... (replacement core bit)
		1/2"  1 1/4" 	1/2"  1 1/4" 	1 1/4" 
Concrete	Old concrete/concrete	••	••	–
	Washed concrete	••	••	•
	Concrete; lightly reinforced*** (max. iron dia.: 8 mm)/reinforcement steel mesh; max. raw density of 2.4	••	••	–
	Lightweight concrete (hard pumice, no iron) Raw density of 1.4 to 2.0	••	••	•
	Pumice raw density up to 1.2	••	•	••
	Aerated concrete (previously: gas concrete) Raw density of 0.2 to 0.7	•• **	•• **	•
	Concrete, heavily reinforced***	••	•	–
	Fresh concrete (abrasive) up to 2 days	•• *	• *	–
	Fresh concrete (abrasive) older than 2 days	•• *	• *	–
	Gas concrete	•• *	• *	•• *
	Concrete blocks	••	••	• *
	Interlocking paving stones	••	••	•• *
	Concrete piping	••	•	•
	Concrete masonry bricks	••	•	•
Screed	••	•	••	
Mortar/Plaster	•• *	• *	••	
Sand-lime brick	Soft sand-lime brick up to raw density of 1.4	•• *	• *	••
	Sand-lime brick raw density of 1.6 to 2.0 (highly compacted)	••	•	••
	Sand-lime brick raw density > 2.0 to 2.4 (very highly compacted)	••	•	•
	Sand-lime brick raw density > 2.4 or more	••	•	•
Natural stone	Sandstone	•• *	•	•
	Marble	•	–	–
	Limestone	–	–	•
	Granite (soft)	••	•	–
	Granite (hard)	•	–	–
	Gneiss	•	–	–
Basalt	•	–	–	
Asphalt	•• *	–	–	
Fireproof	Fireclay bricks	•	–	•
Ceramic	Clinkers (soft)	••	–	•
	Clinkers (hard)	•	–	–
	Paving clinkers	•	–	•
	Poroton solid brick up to a raw density of 1.4	•• *	• *	••
	Poroton solid brick of raw density 1.6 to 2.2	••	•	••
	Perforated brick (vert. perf., hollow, horiz. perf. brick) up to a raw density of 1.4	•• **	•• **	••
Perforated brick (vert. perf., hollow, horiz. perf. brick) of raw density 1.6 to 2.2	•• **	•• **	••	

Raw densities given in kg/dm

*Increased wear

**Attention: Water will run into the brick (hollow chambers), making it difficult to monitor the infeed of water!

***Iron reinforcements may only be drilled through with permission from structural engineer!

•• = Highly suitable • = Suitable – = Not suitable