

# WIT-NORDIC

25.3

**Injection mortar WIT-NORDIC** (Temperature in anchoring base  $\geq -20^{\circ}\text{C}$ , cartridge temperature  $\geq -20^{\circ}\text{C}$ ):  
**Masonry (perforated and solid brick), uncracked concrete**



Designation	Contents [in ml]	Scope of delivery	Art. No.	P. Qty.
WIT-NORDIC	330	Mortar cartridge 330 ml + 1 static mixer	0903 450 102	1/12

### Accessory parts WIT-NORDIC:

Designation	Art. No.	P. Qty.	
Application gun	0891 003	1	
HandyMax® application gun	0891 007	1	
Static mixer	0903 420 001	10	
Static mixer extension	0903 420 004	10	
Masonry	Anchor bars and internal screw thread sleeves	see product info	24.1 and 24.2 WIT-VM 200
	Sieve sleeves	see product info	24.1 and 24.2 WIT-VM 200
	Cleaning accessories	see product info	24.1 and 24.2 WIT-VM 200
Concrete	Anchor bars	see product info	23.3 Injection system W-VI/S 23.4 Injection system W-VI/A4
	Cleaning accessories	see product info	23.3 Injection system W-VI/S 23.4 Injection system W-VI/A4

### Masonry in acc. with DIN: Performance data and characteristic installation values

Anchor diameter	WIT-AS Anchor Bar						WIT-IG Internal Screw Thread Sleeve				
	M8		M10		M12		M6		M8		
Plastic sieve sleeve	Without WIT-SH	WIT-SH18/95	Without WIT-SH	WIT-SH18/95	Without WIT-SH	WIT-SH18/95	Without WIT-SH	WIT-SH18/95	Without WIT-SH	WIT-SH18/95	
Solid brick $\geq \text{Mz } 12$	$F_{\text{recom.}}$ [in kN]	1.7	-	1.7	-	1.7	-	1.7	-	1.7	-
Solid sand-lime brick $\geq \text{KS } 12$	$F_{\text{recom.}}$ [in kN]	1.7	-	1.7	-	1.7	-	1.7	-	1.7	-
Vertically-perforated brick $\geq \text{HLz } 6$	$F_{\text{recom.}}$ [in kN]	-	0.4	-	0.4	-	0.4	-	0.4	-	0.4
Perforated sand-lime brick $\geq \text{KSL } 6$	$F_{\text{recom.}}$ [in kN]	-	0.4	-	0.4	-	0.4	-	0.4	-	0.4
Nom. drill dia.	$d_0$ [in mm]	10	18	12	18	14	18	14	18	14	18
Drilled hole depth	$h_{0\geq}$ [in mm]	100									
Installation depth of sieve sleeve	$h_{\text{nom.}}$ = [in mm]	-	95	-	95	-	95	-	95	-	95
Effective anchoring depth	$h_{\text{ef}}$ = [in mm]	93									
Torque while installing anchor	$T_{\text{inst}\leq}$ [in mm]	8									

### Uncracked concrete: Performance data and characteristic installation values

Anchor diameter		M8	M10	M12	M16	M20	M24
Recommended central tensile load (individual anchor, uncracked concrete)	$N_{\text{rec.}}$ [in kN] 50°C/80°C	6.3	9.9	13.8	19.8	38.2	43.7
	$N_{\text{rec.}}$ [in kN] 72°C/120°C	4.5	6.5	9.6	14.7	23.3	30.0
Recommended transverse load (individual anchor, uncracked concrete)	$V_{\text{rec.}}$ [in kN]	5.1	8.6	12.0	22.3	34.9	57.0
Nom. drill dia.	$d_0$ [in mm]	10	12	14	18	22	26
Drilled hole depth/Anchoring depth	$h_0/h_{\text{ef}}$ [in mm]	80	90	110	125	170	210
Torque while installing anchor	$T_{\text{inst}\leq}$ [in mm]	10	20	40	60	120	150

### Würth system components

