



DIMAL Asia Pacific Sdn. Bhd. (219956-D)

(Formerly Known As Didier Asia Sdn. Bhd.)
 3221 & 3226 Batu 29, Jalan Ipoh, 44300 Batang Kali, Selangor, Malaysia.
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 H/P: +60 12-718 2392 / +60 12-985 2011
 E-mail: office@dimal.com.my website: www.dimal.com.my

DIVAL											
Brand Name	Appl. Temp °C	Material Required kg/m ³	Chemistry %						CCS MPa		Installation Method
			Al ₂ O ₃	SiO ₂	CaO	MgO	ZrO ₂	Fe ₂ O ₃	110°C	1000°C	
					(P ₂ O ₅)	(SiC)	(Cr ₂ O ₃)				
CONVENTIONAL CASTABLES AND GUNNING MIXES											
DIVAL 120	1200	1,800	23.0	65.0	5.0	-	-	3.3	15 - 20	8 - 13	Vibrating
DIVAL 120 GUN	1200	1,780	24.0	60.0	9.5	-	-	3.0	15 - 25	10 - 15	Gunning
DIVAL 130	1300	1,820	28.0	59.0	5.0	-	-	3.3	15 - 20	8 - 13	Vibrating
DIVAL 130 GUN	1300	1,850	28.0	58.0	9.0	-	-	1.6	20 - 30	10 - 20	Gunning
DIVAL 45	1400	1,600	37.0	52.0	6.5	-	-	1.8	5 - 10	3 - 8	Vibrating
DIVAL 140	1400	1,860	30.0	60.0	6.0	-	-	3.0	15 - 25	8 - 15	Vibrating
DIVAL 150 GT	1400	1,900	40.0	48.0	6.0	-	-	2.0	15 - 25	8 - 15	Vibrating
DIVAL 140 HS	1400	1,950	46.0	45.0	5.2	-	-	1.8	20 - 40	10 - 20	Vibrating
DIVAL 140 GUN	1400	1,900	42.0	44.0	9.0	-	-	1.5	18 - 28	10 - 15	Gunning
DIGUN 150 VG	1500	2,000	56.0	33.9	6.9	-	-	0.76	50 - 70	20 - 40	Gunning
DIVAL 150	1500	2,000	42.0	48.0	6.0	-	-	1.6	20 - 30	12 - 20	Vibrating
DIVAL 150 GUN	1500	1,900	43.0	44.0	8.5	-	-	2.0	25 - 35	10 - 20	Gunning
DIVAL 150 HS	1500	2,280	50.0	43.0	2.8	-	-	1.5	50 - 70	55 - 75	Vibrating
DIVAL 150 Z HS	1500	3,000	35.0	25.0	-	-	35.0	0.3	50 - 80	60 - 90	Vibrating
DIVAL 150 Z 25 HS	1500	2,900	47.0	23.0	2.2	-	24.0	-	90 - 120	95 - 120	Vibrating
DIVAL 150 MUL HS	1550	2,380	51.0	41.0	2.3	-	-	0.8	60 - 90	90 - 120	Vibrating
DIVAL 155 HS	1550	2,300	56.0	38.0	3.0	-	-	1.5	60 - 80	60 - 80	Vibrating
DIVAL 155 Z	1550	2,300	57.0	37.0	2.5	-	-	1.4	65 - 85	55 - 75	Vibrating
DIVAL 70	1600	2,400	67.0	28.0	1.6	-	-	1.6	30 - 50	35 - 55	Vibrating
DIVAL 70 H	1600	2,400	67.0	26.0	2.7	-	-	1.5	35 - 55	45 - 65	Vibrating
DIVAL 160	1600	2,170	60.0	28.0	6.0	-	-	1.8	20 - 35	15 - 20	Vibrating
DIVAL 160 GUN	1600	2,000	53.0	38.0	4.0	-	-	2.0	20 - 30	10 - 20	Gunning
DIVAL 160 HS	1600	2,600	72.0	21.0	3.0	-	-	1.5	80 - 120	70 - 110	Vibrating
DIVAL 165 HS AR	1650	2,300	58.0	36.0	3.0	-	-	0.9	60 - 100	70 - 110	Casting - Free Flow
DIVAL 80 GUN	1700	2,030	75.0	12.0	7.5	-	-	1.2	30 - 50	15 - 30	Gunning
DIVAL 170	1700	2,400	75.0	13.0	6.0	-	-	1.8	20 - 40	10 - 20	Vibrating
DIVAL 170 HS	1700	2,780	82.0	10.0	3.0	-	-	1.5	90 - 130	80 - 100	Vibrating
DIVAL 170 GUN	1700	2,100	60.0	26.0	8.0	-	-	2.0	20 - 30	10 - 20	Gunning
DIVAL 175 HS	1750	2,900	90.0	4.0	4.5	-	-	0.2	80 - 110	40 - 60	Vibrating
DIVAL 97	1800	2,800	93.0	< 0.1	3.0	-	-	< 0.1	60 - 90	50 - 70	Vibrating
DIVAL 180 HS	1800	2700 - 3,000	93.5	< 0.1	< 5.2	-	-	< 0.1	60 - 100	50 - 80	Vibrating
DIVAL 180 BF	1800	2,800	90.0	< 0.5	5.2	-	-	0.1	60 - 85	35 - 70	Vibrating
DIVAL 180 HS GUN	1800	2,450	86.0	3.0	7.5	-	-	0.1	50 - 70	30 - 50	Gunning
DIVAL 180 FHS	1800	2,700	91.0	< 0.2	5.2	-	-	0.1	70 - 100	60 - 80	Vibrating
DIVAL 185 HMA	1850	2,900	90.0	-	2.0	4.8	-	< 0.1	50 - 80	40 - 70	Vibrating



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			Al ₂ O ₃	SiO ₂	CaO	MgO	ZrO ₂	Fe ₂ O ₃	110°C	1000°C	
					(P ₂ O ₅)	(SiC)	(Cr ₂ O ₃)				
CONVENTIONAL CASTABLES AND GUNNING MIXES											
DIVAL SiC 5 GUN	1500	2,050	45.0	-	8.9	(5.0)	-	2.0	60 - 75	30 - 40	Gunning
DIVAL SiC 10 GUN	1500	2,100	43.0	-	9.0	(10.0)	-	1.9	65 - 80	30 - 45	Gunning
DIVAL SiC 15 GUN	1500	2,150	40.0	-	9.0	(15.0)	-	1.7	70 - 80	35 - 45	Gunning
DIVAL SiC 30 GUN	1500	2,200	30.0	-	9.0	(30.0)	-	1.2	65 - 80	30 - 45	Gunning
DIVAL 150 HS SiC 10 GUN	1500	1,950	36.0	41.0	8.0	(10.0)	-	2.0	20 - 30	10 - 20	Gunning
DIVAL = Coventional Castables & Gunning Mixes				DIMOR = Phosphate / Chemical Bonded Wet Mortars				CR = Contains Chromic Oxide			
DILOC = Low Cement Castables & Gunning Mixes				DIMAG = MgO Mixes				FHS = Fine High Strength			
DINSUL = Light Weight Insulating Castable & Gunning Mixes				DICAST = Cast & Cured Shapes				GUN = Gunning Mix			
DIPATCH = Semi Plastic Mixes				DINOC = Non-Cement Castable				HS = High Strength			
DIRAM = Plastics Mixes								MA = Contains Magnesia Oxide			
								MUL = Mullite			
								P = Contains Phosphoric Acid			
				AL = Contains Aluminium Repellent Material				SiC = Contains Silicon Carbide			
				AR = Abrasion Resistant				Z = Contains Zircon			
<p>The values given are standard values ascertained on the basis of the applicable test standards and / or of internal testing methods applied over a longer, representative period of time. These values should not, however, be taken as binding specifications and may not therefore be understood as guaranteeing certain product properties. We reserve the right to carry out further technical development and update the technical product information. The current values are listed in the latest version of the technical data sheets.</p>											
DATED : 20/11/2019										REV : #2	