

CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS

120Mins. Fire rated Hollow Metal doors as per BS 476 - HARDWARE

Annexure - 3

S.No	BOQ No.	Description	Set per door	HARDWARE - DORMA MAKE	HARDWARE - GEZE MAKE
		120Mins. Fire rated hollow metal doors - Painted			
1	4.1.1	120Mins Fire Rated Un Equal Double Leaf door of size : FD 1770X2100mm with vision panel with hardware set # 5	6each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1each	Dorma - Fire rated Mortice Dead lock 288, 55mm BS/20mm sq. fornd, SSS	/ GEZE Arrone, Dead lock 60mm Backset with strike plate. Supplied with Machine screws for metal door. Type tested for conformity to all of the requirements of BS EN 12209:2003. Art No:8014026
			1each	Dorma - EP Cyl. 3525, 5pin both side key Length=70mm, SNP	/GEZE, 5 pin Euro profile double cylinder 70mm(35+35)
			1pair	Dorma - Escutheions ZS 6612 for Europrofile cylinder SSS / 8012109	- GEZE Arrone, 52mm dia with 38mm fixing centers
			2pair	Dorma - Pull handle D type TGD1-D300, b/b 22dia, in SSS 304	/GEZE Arrone, D-Shape Pull Handle, supplied with two 8mm back to back bolts. Material: Stainless Steel Finish:Satin Size:22mm dia x 300mm Art No:- 8013133
			2each	Dorma - Door closer TS 89 EN 2-6 with Std. arm	/ GEZE Overhead door closer GEZE TS 4000 for mounting on smoke and fire-proof doors, size 1-6 as per EN 1154 A, closing force adjustable at front with size 1-6, closing speed
			2each	Dorma - Lever action flush bolt 3101-1, L=300mm, SC	/ GEZE Flush Bolt for steel door Size: 25 x 305mm Material: Stainless steel Finish: Satin stainless steel Art No: 8017041
			0each	Dorma - Lever action flush bolt 3101-2, L=600mm, SC	/ GEZE Flush Bolt for steel door Size: 25 x 605mm Material: Stainless steel Finish: Satin stainless steel Art No:8017046
			1each	Dorma - Dust Excluding socket 3124, 16dia hole, SSS	/ GEZE Arrone Dust proof socket - SSS Art no:8017005
			2each	Dorma - Floor stop half dome 3108, 45dia SSS	/ GEZE Arrone, Half moon door stop, Size: Dia 42mm x 25mm. Finish: Satin stainless finish Art no:8017001
			5.97Mt	Zero - Self adhesive sponge seal for frames 188S, Black	
			1each	Electro magnet lock for Double leaf application (not under our scope of supply)	
			1each	Card Reader Both side (not under our scope of supply)	
2	4.1.2	120Mins Fire Rated Un Equal Double Leaf door of size : FD 1770X2100mm with vision panel with hardware set # 8	6each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1each	Dorma - Fire rated Mortice Dead lock 288, 55mm BS/20mm sq. fornd, SSS	/GEZE Arrone, Dead lock 60mm Backset with strike plate. Supplied with Machine screws for metal door. Type tested for conformity to all of the requirements of BS EN door. Type tested for conformity to all of the requirements of BS EN 12209:2003. Art No:8014026
			1each	Dorma - EP Cyl. 3525, 5pin both side key Length=70mm, SNP	/ GEZE, 5 pin Euro profile double cylinder 70mm(35+35) Art no:8245212
			1each	Dorma - Escutheions ZS 6612 for Europrofile cylinder SSS / 8012109 -	GEZE Arrone, 52mm dia with 38mm fixing centers
			2pair	Dorma - Pull handle D type TGD1-D300, b/b 22dia, in SSS 304	/ GEZE Arrone, D-Shape Pull Handle, supplied with two 8mm back to back bolts. Material: Stainless Steel Finish:Satin Size:22mm dia x 300mm Art No:- 8013133
			2each	Dorma - Door closer TS 89 EN 2-6 with Std. arm	/ GEZE Overhead door closer GEZE TS 4000 for mounting on smoke and fire-proof doors, size 1-6 as per EN 1154 A, closing force adjustable at front with size 1-6, closing speed and backcheck adjustable at front, with visual size indicator
			2each	Dorma - Lever action flush bolt 3101-1, L=300mm, SC	/ GEZE Flush Bolt for steel door Size: 25 x 305mm Material: Stainless steel Finish: Satin stainless steel Art No: 8017041
			0each	Dorma - Lever action flush bolt 3101-2, L=600mm, SC	/ GEZE Flush Bolt for steel door Size: 25 x 605mm Material: Stainless steel Finish: Satin stainless steel Art No:8017046
			1each	Dorma - Dust Excluding socket 3124, 16dia hole, SSS	/ GEZE Arrone Dust proof socket - SSS Art no:8017005
			2each	Dorma - Floor stop half dome 3108, 45dia SSS	/ GEZE Arrone, Half moon door stop, Size: Dia 42mm x 25mm.
			5.97Mt	Zero - Self adhesive sponge seal for frames 188S, Black	
3	4.1.3	120Mins Fire Rated Un Equal Double Leaf door of size : FD1 1500X2100mm with vision panel with hardware set # 1	6each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1each	Dorma - Fire rated Mortice sash lock 281, 55mm BS/20mm sq. fornd, SSS	/ GEZE Arrone, Sash lock 60mm Backset with strike plate. Supplied with Machine screws for metal door. Type tested for conformity to all of the requirements of BS EN 12209:2003.
			1each	Dorma - EP Cyl. 3525, 5pin both side key Length=70mm, SNP	/GEZE, 5 pin Euro profile double cylinder 70mm(35+35)

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120Mins. Fire rated Hollow Metal doors as per BS 476 - HARDWARE

Annexure - 3

S.No	BOQ No.	Description	Set per door	HARDWARE - DORMA MAKE	HARDWARE - GEZE MAKE
		120Mins. Fire rated hollow metal doors - Painted			
			1pair	Dorma - Lever Handle Pure 8100/6501 -S114, with roses & esc. SSS	/ GEZE Arrone, 19mm dia Lever handle sprung loaded on with rose. Type tested for conformity to all of the requirements of BS EN 1906 Grdee 3. Size: 140mm x 70mm projection from door surface. Art no:8011001 GEZE Arrone, 52mm dia with 38mm fixing centers supplied with stainless steel structure 8mm thick Art. No. :- 8012109
			1each	Dorma - Door closer TS 72 EN 2-4 with Std. arm	/ GEZE Overhead door closer TS 2000 NV with in nitely adjustable closing force size 2-4, EN 1154, closing force adjustment from side, closing speed and latching action.
			2each	Dorma - Lever action flush bolt 3101-1, L=300mm, SC	/ GEZE Flush Bolt for steel door Size: 25 x 305mm Material: Stainless steel Finish: Satin stainless steel Art No: 8017041
			0each	Dorma - Lever action flush bolt 3101-2, L=600mm, SC	/ GEZE Flush Bolt for steel door Size: 25 x 605mm Material: Stainless steel Finish: Satin stainless steel Art No:8017046
			1each	Dorma - Dust Excluding socket 3124, 16dia hole, SSS	/ GEZE Arrone Dust proof socket - SSS
			2each	Dorma - Floor stop half dome 3108, 45dia SSS	/ GEZE Arrone, Half moon door stop, Size: Dia 42mm x 25mm.
			5.7Mt	Zero - Self adhesive sponge seal for frames 188S, Black	
4	4.1.4	120Mins Fire Rated Double Leaf door of size : FD1 1500X2100mm with vision panel with hardware set # 7	6each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1Set	Dorma - One point panic device PHA 2001 - PHA2102, PHA 2105 L=1300mm	/ GEZE Reversible cross bar panic latch in Silver (single point) includes strike plate and accessories. Suit for leaf size upto 2440mm high and 1220mm width. Finish: Silver (for steel doors). Without Anti Thrust latch and Dogging* Art No:8026366
			1Set	Dorma - Two point panic device PHA 2002 - PHA2102, PHA 2105, PHX 03, PHX 04	/ GEZE Reversible double panic bolt use on Rebated double doors consists of (8026301+8026302+8026320 box keeper) Suit for leaf size upto 2440mm high and 1220mm width.(for steel doors). Without Anti Thrust latch and Dogging* Art No:8026368
			1each	Dorma - External trim PHT 3905 prepared for euro profile cylinder.	/ GEZE,Lever operated outside access device c/w euro profile cylinder for 8026301 series panic device. Art No:8026306
			1each	Dorma - EP Half Cyl. 3010, 5pin one side key Length=42mm, SNP	/ GEZE Haly Cylinder
			2each	Dorma - Door closer TS 89 EN 2-6 with Std. arm	/ GEZE Overhead door closer GEZE TS 4000 for mounting on smoke and fire-proof doors, size 1-6 as per EN 1154 A, closing force adjustable at front with size 1-6, closing speed and backcheck adjustable at front, with visual size indicator
			1each	Dorma - Gravity Door Coordinator 390G, Silver	/ GEZE mechanical closing sequence control SR with accessories
			5.7Mt	Zero - Self adhesive sponge seal for frames 188S, Black	
5	4.1.5	120Mins Fire Rated Door Single leaf of size : FD2 1200X2100 without vision panel with hardware set # 3	3each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1each	Dorma - Fire rated Mortice sash lock 281, 55mm BS/20mm sq. fomd, SSS	/ GEZE Arrone, Sash lock 60mm Backset with strike plate. Supplied with Machine screws for metal door. Type tested for conformity to all of the reuirements of BS EN 12209:2003. Art No:8014025
			1each	Dorma - EP Cyl. 3525, 5pin both side key Length=70mm, SNP	/ GEZE, 5 pin Euro profile double cylinder 70mm(35+35)
			1pair	Dorma - Lever Handle Pure 8100/6501 -S114, with roses & esc. SSS	/ GEZE Arrone, 19mm dia Lever handle sprung loaded on with rose. Type tested for conformity to all of the requirements of BS EN 1906 Grdee 3. Size: 140mm x 70mm projection from door surface. Art no:8011001 GEZE Arrone, 52mm dia with 38mm fixing centers supplied with stainless steel structure 8mm thick Art. No. :- 8012109
			1each	Dorma - Door closer TS 89 EN 2-6 with Std. arm	/ GEZE Overhead door closer GEZE TS 4000 for mounting on smoke and fire-proof doors, size 1-6 as per EN 1154 A, closing force adjustable at front with size 1-6, closing speed
			5.4Mt	Zero - Self adhesive sponge seal for frames 188S, Black	

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Annexure - 3

S.No	BOQ No.	Description	Set per door	HARDWARE - DORMA MAKE	HARDWARE - GEZE MAKE
		120Mins. Fire rated hollow metal doors - Painted			
6	4.1.6	120Mins Fire Rated Door Single leaf of size : FD2 1200X2100 with vision panel with hardware set # 6	3each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1Set	Dorma - One point panic device PHA 2001 - PHA2102, PHA 2105 L=1300mm	/ GEZE Reversible cross bar panic latch in Silver (single point) includes strike plate and accessories. Suit for leaf size upto 2440mm high and 1220mm width. Finish: Silver (for
			1each	Dorma - External trim PHT 3905 prepared for euro profile cylinder.	/ GEZE, Lever operated outside access device c/w euro profile cylinder for 8026301 series panic device. Art No:8026306
			1each	Dorma - EP Half Cyl. 3010, 5pin one side key Length=42mm, SNP	/ GEZE Half Cylinder
			1each	Dorma - Door closer TS 89 EN 2-6 with Std. arm	/ GEZE Overhead door closer GEZE TS 4000 for mounting on smoke and fire-proof doors, size 1-6 as per EN 1154 A, closing force adjustable at front with size 1-6, closing speed and backcheck adjustable at front, with visual size indicator
			5.4Mt	Zero - Self adhesive sponge seal for frames 188S, Black	
7	4.1.7	120Mins Fire Rated Door Single leaf of size : FD3 1000X2100 without vision panel with hardware set # 3	3each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1each	Dorma - Fire rated Mortice sash lock 281, 55mm BS/20mm sq. fornd, SSS	/ GEZE Arrone, Sash lock 60mm Backset with strike plate. Supplied with Machine screws for metal door. Type tested for conformity to all of the requirements of BS EN 12209:2003. Art No:8014025
			1each	Dorma - EP Cyl. 3525, 5pin both side key Length=70mm, SNP	/ GEZE, 5 pin Euro profile double cylinder 70mm(35+35)
			1pair	Dorma - Lever Handle Pure 8100/6501 -S114, with roses & esc. SSS	/ GEZE Arrone, 19mm dia Lever handle sprung loaded on with rose. Type tested for conformity to all of the requirements of BS EN 1906 Grdee 3. Size: 140mm x 70mm projection from door surface. Art no:8011001 GEZE Arrone, 52mm dia with 38mm fixing centers supplied with stainless steel structure 8mm thick Art. No. :- 8012109
			1each	Dorma - Door closer TS 89 EN 2-6 with Std. arm	/ GEZE Overhead door closer GEZE TS 4000 for mounting on smoke and fire-proof doors, size 1-6 as per EN 1154 A, closing force adjustable at front with size 1-6, closing speed
			5.4Mt	Zero - Self adhesive sponge seal for frames 188S, Black	
8	4.1.8	120Mins Fire Rated Door Single leaf of size : FD3 1000X2100 with vision panel with hardware set # 3	3each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1each	Dorma - Fire rated Mortice sash lock 281, 55mm BS/20mm sq. fornd, SSS	/ GEZE Arrone, Sash lock 60mm Backset with strike plate. Supplied with Machine screws for metal door. Type tested for conformity to all of the requirements of BS EN 12209:2003. Art No:8014025
			1each	Dorma - EP Cyl. 3525, 5pin both side key Length=70mm, SNP	/ GEZE, 5 pin Euro profile double cylinder 70mm(35+35)
			1pair	Dorma - Lever Handle Pure 8100/6501 -S114, with roses & esc. SSS	/ GEZE Arrone, 19mm dia Lever handle sprung loaded on with rose. Type tested for conformity to all of the requirements of BS EN 1906 Grdee 3. Size: 140mm x 70mm projection from door surface. Art no:8011001 GEZE Arrone, 52mm dia with 38mm fixing centers supplied with stainless steel structure 8mm thick Art. No. :- 8012109
			1each	Dorma - Door closer TS 89 EN 2-6 with Std. arm	/ GEZE Overhead door closer GEZE TS 4000 for mounting on smoke and fire-proof doors, size 1-6 as per EN 1154 A, closing force adjustable at front with size 1-6, closing speed
			5.4Mt	Zero - Self adhesive sponge seal for frames 188S, Black	
9	4.1.9	120Mins Fire Rated Door Single leaf of size : FD3 1000X2100 with vision panel with hardware set # 9	3each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1each	Dorma - Fire rated Mortice sash lock 281, 55mm BS/20mm sq. fornd, SSS	/ GEZE Arrone, Sash lock 60mm Backset with strike plate. Supplied with Machine screws for metal door. Type tested for conformity to all of the requirements of BS EN 12209:2003. Art No:8014025
			1each	Dorma - EP Cyl. 3525, 5pin both side key Length=70mm, SNP	/ GEZE, 5 pin Euro profile double cylinder 70mm(35+35) Art no:8245212

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S.No	BOQ No.	Description	Set per door	HARDWARE - DORMA MAKE	HARDWARE - GEZE MAKE
		120Mins. Fire rated hollow metal doors - Painted			
			1pair	Dorma - Lever Handle Pure 8100/6501 -S114, with roses & esc. SSS	/ GEZE Arrone, 19mm dia Lever handle sprung loaded on with rose. Type tested for conformity to all of the requirements of BS EN 1906 Grdee 3. Size: 140mm x 70mm projection from door surface.
			1each	Dorma - Door closer TS 72 EN 2-4 with Std. arm	/ GEZE Overhead door closer TS 2000 NV with in nitely adjustable closing force size 2-4, EN 1154, closing force adjustment from side, closing speed and latching action.
			1each	Dorma - Floor stop half dome 3108, 45dia SSS	/ GEZE Arrone, Half moon door stop, Size: Dia 42mm x 25mm.
			5.2Mt	Zero - Self adhesive sponge seal for frames 188S, Black	
10	4.1.10	120Mins Fire Rated Un Equal Double Leaf door of size : D1 1500X2100mm with vision panel with hardware set # 1	6each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1each	Dorma - Fire rated Mortice sash lock 281, 55mm BS/20mm sq. formd, SSS	/ GEZE Arrone, Sash lock 60mm Backset with strike plate. Supplied with Machine screws for metal door. Type tested for conformity to all of the reuirements of BS EN 12209:2003.
			1each	Dorma - EP Cyl. 3525, 5pin both side key Length=70mm, SNP	/ GEZE, 5 pin Euro profile double cy;linder 70mm(35+35)
			1pair	Dorma - Lever Handle Pure 8100/6501 -S114, with roses & esc. SSS	/ GEZE Arrone, 19mm dia Lever handle sprung loaded on with rose. Type tested for conformity to all of the requirements of BS EN 1906 Grdee 3. Size: 140mm x 70mm projection from door surface. Art no:8011001 GEZE Arrone, 52mm dia with 38mm fixing centers supplied with stainless steel structure 8mm thick Art. No. :- 8012109
			1each	Dorma - Door closer TS 72 EN 2-4 with Std. arm	/ GEZE Overhead door closer TS 2000 NV with in nitely adjustable closing force size 2-4, EN 1154, closing force adjustment from side, closing speed and latching action.
			2each	Dorma - Lever action flush bolt 3101-1, L=300mm, SC	/ GEZE Flush Bolt for steel door Size: 25 x 305mm Material: Stainless steel Finish: Satin stainless steel Art No: 8017041
			0each	Dorma - Lever action flush bolt 3101-2, L=600mm, SC	/ GEZE Flush Bolt for steel door Size: 25 x 605mm Material: Stainless steel Finish: Satin stainless steel Art No:8017046
			1each	Dorma - Dust Excluding socket 3124, 16dia hole, SSS	/ GEZE Arrone Dust proof socket - SSS
			2each	Dorma - Floor stop half dome 3108, 45dia SSS	/ GEZE Arrone, Half moon door stop, Size: Dia 42mm x 25mm.
			5.7Mt	Zero - Self adhesive sponge seal for frames 188S, Black	
11	4.1.11	120Mins Fire Rated Door Single leaf of size : D2 1000X2100 with vision panel with hardware set # 3	3each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1each	Dorma - Fire rated Mortice sash lock 281, 55mm BS/20mm sq. formd, SSS	/ GEZE Arrone, Sash lock 60mm Backset with strike plate. Supplied with Machine screws for metal door. Type tested for conformity to all of the reuirements of BS EN 12209:2003. Art No:8014025
			1each	Dorma - EP Cyl. 3525, 5pin both side key Length=70mm, SNP	/ GEZE, 5 pin Euro profile double cylinder 70mm(35+35)
			1pair	Dorma - Lever Handle Pure 8100/6501 -S114, with roses & esc. SSS	/ GEZE Arrone, 19mm dia Lever handle sprung loaded on with rose. Type tested for conformity to all of the requirements of BS EN 1906 Grdee 3. Size: 140mm x 70mm projection from door surface. Art no:8011001 GEZE Arrone, 52mm dia with 38mm fixing centers supplied with stainless steel structure 8mm thick Art. No. :- 8012109
			1each	Dorma - Door closer TS 89 EN 2-6 with Std. arm	/ GEZE Overhead door closer GEZE TS 4000 for mounting on smoke and fire-proof doors, size 1-6 as per EN 1154 A, closing force adjustable at front with size 1-6, closing speed
			5.4Mt	Zero - Self adhesive sponge seal for frames 188S, Black	
12	4.1.12	120Mins Fire Rated Door Single leaf of size : D2 1010X2100 with vision panel with hardware set # 3	3each	Dorma - Hinges 3090 F, 5 Knl, 2 Ball bearing butt hinges size 4" x 3" x 3mm SS 304	/ GEZE Arrone, Two ball bearing flat button button hinge with machine Screws Size : 4"x3"x3mm Material : Stainless Steel Finish: Satin Art no:8011008
			1each	Dorma - Fire rated Mortice sash lock 281, 55mm BS/20mm sq. formd, SSS	/ GEZE Arrone, Sash lock 60mm Backset with strike plate. Supplied with Machine screws for metal door. Type tested for conformity to all of the reuirements of BS EN 12209:2003. Art No:8014025
			1each	Dorma - EP Cyl. 3525, 5pin both side key Length=70mm, SNP	/ GEZE, 5 pin Euro profile double cylinder 70mm(35+35)

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S.No	BOQ No.	Description	Set per door	HARDWARE - DORMA MAKE	HARDWARE - GEZE MAKE
		120Mins. Fire rated hollow metal doors - Painted			
			1pair	Dorma - Lever Handle Pure 8100/6501 -S114, with roses & esc. SSS	/ GEZE Arrone, 19mm dia Lever handle sprung loaded on with rose. Type tested for conformity to all of the requirements of BS EN 1906 Grdee 3. Size: 140mm x 70mm projection from door surface. Art no:8011001 GEZE Arrone, 52mm dia with 38mm fixing centers supplied with stainless steel structure 8mm thick Art. No. :- 8012109
			1each	Dorma - Door closer TS 89 EN 2-6 with Std. arm	/ GEZE Overhead door closer GEZE TS 4000 for mounting on smoke and fire-proof doors, size 1-6 as per EN 1154 A, closing force adjustable at front with size 1-6, closing speed
			5.4Mt	Zero - Self adhesive sponge seal for frames 188S, Black	