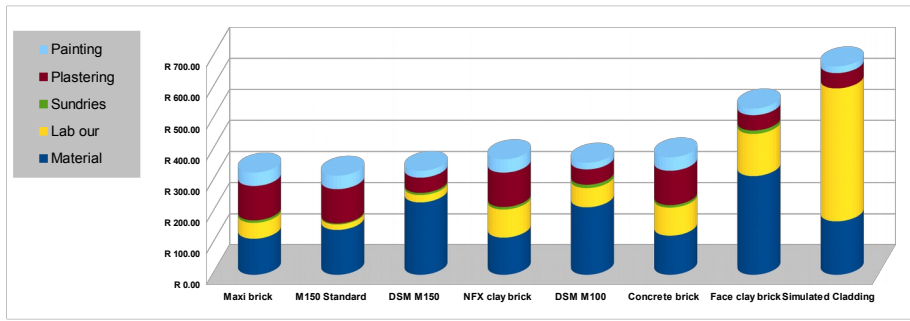


DSM Cost study

It is often believed that to build with DSM products is more expensive than building with a plaster and paint finish. One has to consider the cost of the wall, and not the cost of the brick or block as many components make up the cost of the wall. DSM has done an extensive analysis to establish all the component costs of a wall (i.e plaster, labour, paint etc etc). The cost of DSM blocks are initially higher than competing products. Once all the costs have been taken into account, it is evident when studding the gaffe that DSM products have an exceptional added benefit to a Plaster & Paint finish and a Face brick finish, a high quality product with a synthetically pleasing finish at an amazing price. Besides the initial saving during construction, there is an added advantage, a considerable cost saving over the life of the product when one takes into account the ongoing maintenance costs on a plaster and paint finished wall. Two DSM products (390x190x90 and 390x190x140) were used in the study and compare with opposition products commonly used in the construction industry. **The figures talk for themselves.**

Building cost comparison M2 (Rates Gauteng Sep 2015)

DSM 150 Series. Maintenance Free Cost Effective, Amazing.



Products

(SUMMARY)

Product	Material	Lab our	Sundries	Plastering	Painting	Total
Maxi brick	R 116.02	R 51.06	R 8.01	R 110.47	R 43.22	R 328.78
M150 Standard	R 144.30	R 17.29	R 3.39	R 110.47	R 43.22	R 318.67
DSM M150	R 233.10	R 23.31	R 6.85	R 49.27	R 21.61	R 334.14
NFX clay brick	R 119.66	R 90.31	R 8.14	R 110.47	R 43.22	R 371.80
DSM M100	R 217.14	R 61.69	R 10.92	R 49.27	R 21.61	R 360.64
Concrete brick	R 125.76	R 90.31	R 8.01	R 110.47	R 43.22	R 377.77
Face clay brick	R 317.59	R 135.46	R 10.99	R 49.27	R 21.61	R 534.93
Simulated Cladding	R 172.00	R 427.35	R 0.00	R 49.27	R 21.61	R 670.23

Material	Lab our	Sundries	Plastering	Painting	Total
R 116.02	R 51.06	R 8.01	R 110.47	R 43.22	R 328.78
R 144.30	R 17.29	R 3.39	R 110.47	R 43.22	R 318.67
R 233.10	R 23.31	R 6.85	R 49.27	R 21.61	R 334.14
R 119.66	R 90.31	R 8.14	R 110.47	R 43.22	R 371.80
R 217.14	R 61.69	R 10.92	R 49.27	R 21.61	R 360.64
R 125.76	R 90.31	R 8.01	R 110.47	R 43.22	R 377.77
R 317.59	R 135.46	R 10.99	R 49.27	R 21.61	R 534.93
R 172.00	R 427.35	R 0.00	R 49.27	R 21.61	R 670.23

(DATA)

DSM Products	Unit	Qty	Unit EA	No P/M2	Material P/M2	Labour	Sundries	Plastering	Painting	Sub Total	Plastering	Painting	Sub Total	Total
Costs For Supper Structure M2														
Internal Wall Costs M2														
DSM M100 Series Split face Architectural Block work M100 390X190X90 (8.5 MPA nominal compressive strength) in class II mortar in one brick walls. Internal Superstructure brickwork of NFX clay bricks (8.5 MPA nominal compressive strength) in class II mortar in one brick walls.	m2	1.00	R 17.37	12.5	R 217.14	R 61.69	R 10.92	Pre-sealed during manufacturing, maintenance free for the lifetime of the structure. (Paraflow 20)		R 289.76	R 49.27	R 21.61	R 70.88	R 360.64
DSM M150 Series Split face Architectural Block work M150 390X190X155 (8.5 MPA nominal compressive strength) in class II mortar in one brick walls.	m2	1.00	R 18.65	12.5	R 233.10	R 23.31	R 6.85	Pre-sealed during manufacturing, maintenance free for the lifetime of the structure. (Paraflow 20)		R 263.26	R 49.27	R 21.61	R 70.88	R 334.14
Competing Construction Mediums. Standard M150 Series Masonry Unit. Block work M150 SERIES, 390X190X140 (3.5 MPA nominal compressive strength) in class II mortar in one brick walls.	m2	1.00	R 11.54	12.5	R 144.30	R 17.29	R 3.39	R 55.23	R 21.61	R 241.83	R 55.23	R 21.61	R 76.85	R 318.67
Maxi brick Superstructure brickwork of Maxi bricks 290mm x 140mm x 90mm (7 MPA nominal compressive strength) in class II mortar in one brick walls	m2	1.00	R 2.97	39.0	R 116.02	R 51.06	R 8.01	R 55.23	R 21.61	R 251.93	R 55.23	R 21.61	R 76.85	R 328.78
NFX clay bricks Superstructure brickwork of NFX clay bricks (14 MPA nominal compressive strength) in class II mortar in one brick walls	m2	1.00	R 1.09	110.0	R 119.66	R 90.31	R 8.14	R 55.23	R 21.61	R 294.95	R 55.23	R 21.61	R 76.85	R 371.80
Concrete bricks Superstructure brickwork of Concrete bricks (14 MPA nominal compressive strength) in class II mortar in 230mm Solid walls	m2	1.00	R 1.14	110.0	R 125.76	R 90.31	R 8.01	R 55.23	R 21.61	R 300.93	R 55.23	R 21.61	R 76.85	R 377.77
Face bricks One brick (Description) face bricks pointed with flush horizontal and vertical joints walls in English bond pointed on one sides Internal Superstructure brickwork of NFX clay bricks (14 MPA nominal compressive strength) in class II mortar in one brick walls. (ONE SIDE PLASTER & PAINT)	m2	1.00	R 2.36	110.0	R 317.59	R 135.46	R 10.99			R 464.04	R 49.27	R 21.61	R 70.88	R 534.93
Simulated Cladding Superstructure brickwork of Maxi bricks 290mm x 140mm x 90mm (7 MPA nominal compressive strength) in class II mortar in one brick walls. Simulated stone cladding on one side. (ONE SIDE PLASTER & PAINT)	m2	1.00	R 0.00		R 172.00	R 427.35				R 599.35	R 49.27	R 21.61	R 70.88	R 670.23

Costs break Down

The lower end rates and material have been applied to opposition products in the price comparison exercise to calculate costs per M2. (Rates used indicated in yellow.)

Construction Mediums Supper Structure Plastering, Painting and Cladding Costs.

Description	Unit	Qty	Material	Labour	Sundries	Total
Cement plaster on brickwork/concrete walls	m2	1.00	19.04	35	R 1.33	R 55.23
Compo external plaster on brickwork/concrete walls	m2	1.00	25.37	35	R 1.49	R 61.73
Cement external plaster on brickwork/concrete walls	m2	1.00	24.24	35	R 1.45	R 60.56
Cement plaster of uniform appearance and consistent colour throughout wood floated on brickwork (no paint or other decoration) On walls	m2	1.00	23.50	35	R 1.44	R 59.81
One coat bonding liquid and two coats interior quality PVA emulsion paint On external walls	m2	1.00	18.24	3	R 0.51	R 21.61
One coat primer and two coats interior quality PVA emulsion paint On internal walls	m2	1.00	24.33	3	R 0.67	R 27.86
Two coats waterproof cement wash On internal walls	m2	1.00	97.13	3	R 2.43	R 102.42
Simulated Cladding supplier one (Excludes the cost of brick work)	m2	1.00	250.66	427	R 0.00	R 678.01
Simulated Cladding supplier two (Excludes the cost of brick work)	m2	1.00	177.21	427	R 0.00	R 604.56

DSM Reserve the right to change pricing without prior notification.