



Winner of
National award
BY GOVT. OF INDIA

Global Database
D-U-N-S NO.: 91-624-3785



India's **No. 1** Engineer Plus
6 layer's Permanent &
Guaranteed Waterproofing System

**WATERPROOFING ONES PROTECTION
FOR YEAR'S**



IS:2645

CM/L : 8674396




ICoCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com (1)

ENGINEER PLUS PRODUCTS FOR 6 LAYERS WATERPROOFING



WATERPROOFING



6 Layer Waterproofing System



Also Find at :



Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com (2)

WATERPROOFING



- ★ Building Water-Proofing is a process which is designed to prevent water from penetrating a Building.
- ★ Usually extensive waterproofing measures are added to a Building at the time of construction to provide moisture control from the start.
- ★ Waterproofing may also be done after a building is built to address problems as they emerge or as part of a building retrofit.


Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com (3)

Some Steps Before Apply 6 Layer System



1st Step

Clean All Area



ICoCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com (4)

2ND Step

H
A
M
M
E
R



B
R
U
S
H



Air Machine



Grinder


ICoCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com (5)

3Rd Step



Clean By Fresh Water

ICoCare
Doctor Of Your Home

Also Find at :



Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com (6)

4Th Step



Creck



Grinder On Creck

ICoCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com (7)



URP - 99

5Th Step

Cement



ADVANCED
URP 99
SBR LATEX

ECO
URP 99
SBR LATEX



URP+Cement Mixxing

Fill Mixture in Creck



ICoCare
Doctor Of Your Home

Use 1Ltr. Advanced URP-99 & Mix 2.5Kg Cement

Also Find at :



Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com (8)

LeakasilTM99
DEEPLY PENETRATIVE
WATERPROOFING

LeakprimeTM99
ULTIMATE BONDING & WATER RESISTANCE

 **Engineer[®] Plus**
Waterproofing, Heatproofing,
Construction & Cleaning Solutions

LAYER 1

 **ICoCare**
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com (9)

Fresh Water



ICoCare
Doctor Of Your Home

Leakprime 99
ULTIMATE BONDING & WATER RESISTANCE

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com

1st Layer Mixture spray



Results After 1st Layer

ICoCare
Doctor Of Your Home

Also Find at :



Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com



FIBER MASH



ICS 99



WAC 99



**ENGINEER[®]
PLUS**

Layer 2 and 3



Fiber Mash

ICoCare

Doctor Of Your Home

Also Find at :



Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com



Fiber Mash



WAC-99+ICS-99



Cement



Mixing

ICoCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com

Mixture Paint On Floor



Results After
2nd & 3rd Layer



ICoCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com



ICS 99

WAC 99

LAYER 4



ICS 99

WAC 99

LAYER 5

ICoCare

Doctor Of Your Home

Also Find at :



Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com

Process of 3rd Layer Is Same Process in 4th & 5th Layer Only Change Chemical Quantity



Cement



WAC-99



ICS-99

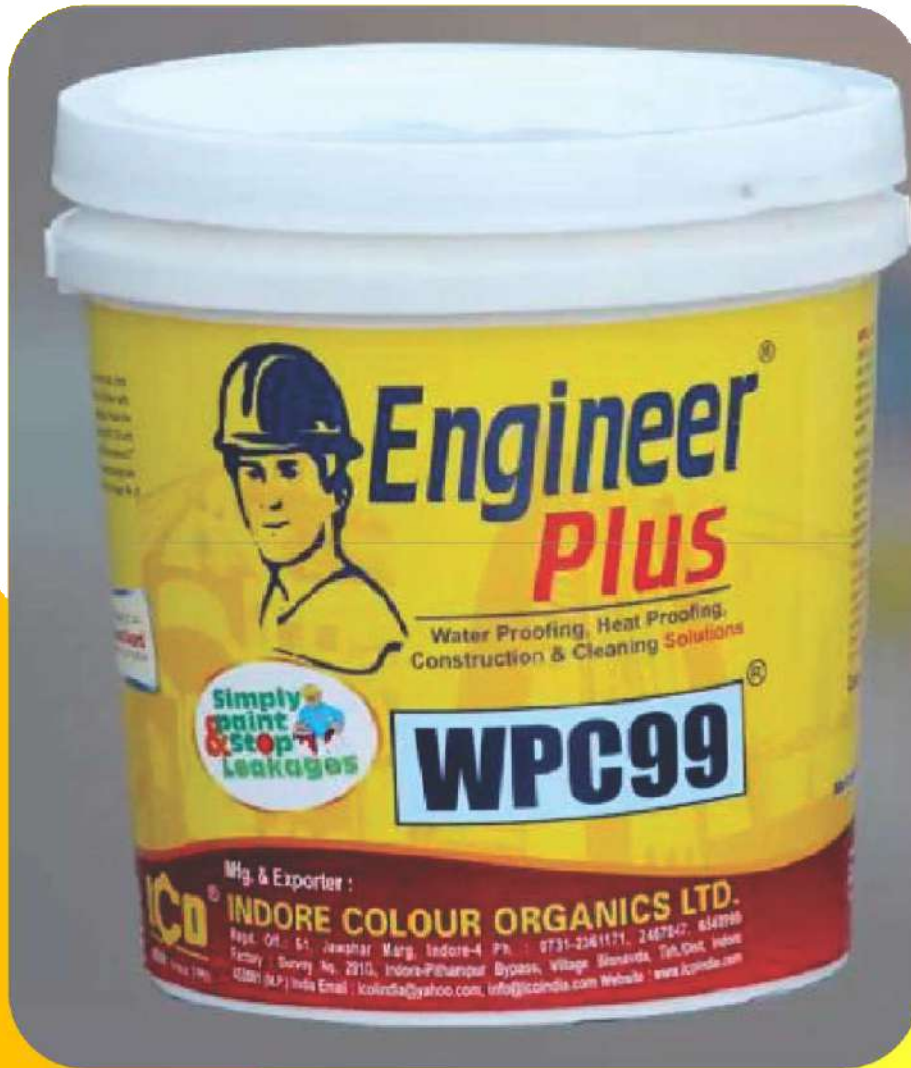

ICoCare
Doctor Of Your Home

Also Find at :



Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com

LAYER-6



ICoCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com



WPC-99



ICS-99



MIXING



ICoCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com



Mixture Paint On Floor

Results After
6th Layer



ICoCare
Doctor Of Your Home

Also Find at :

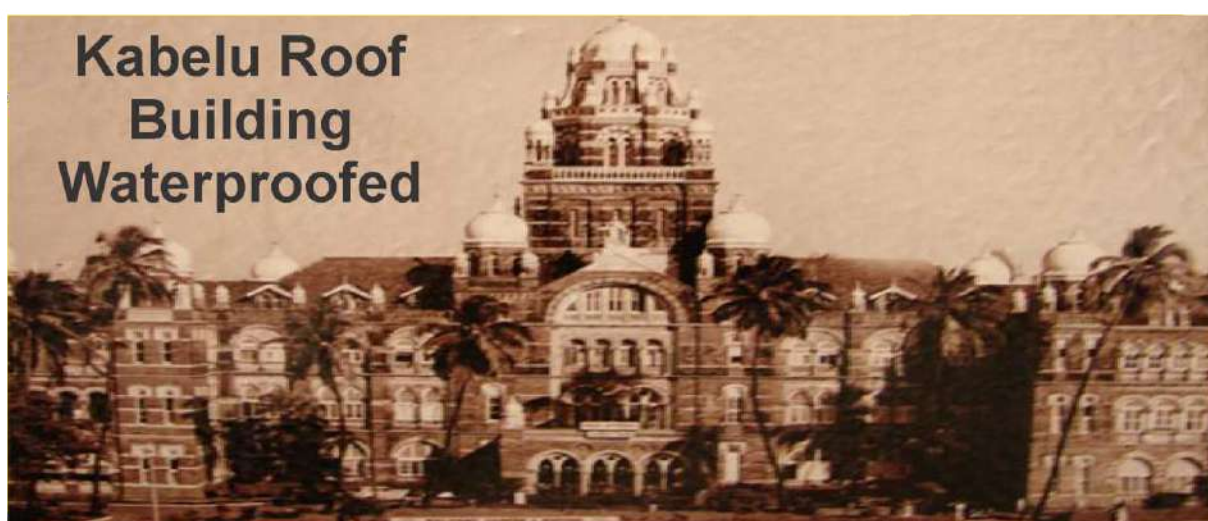


Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com

Kabelu Roof Building Waterproofed



BEFORE



Railway Head Office (Churchgate Mumbai)

AFTER

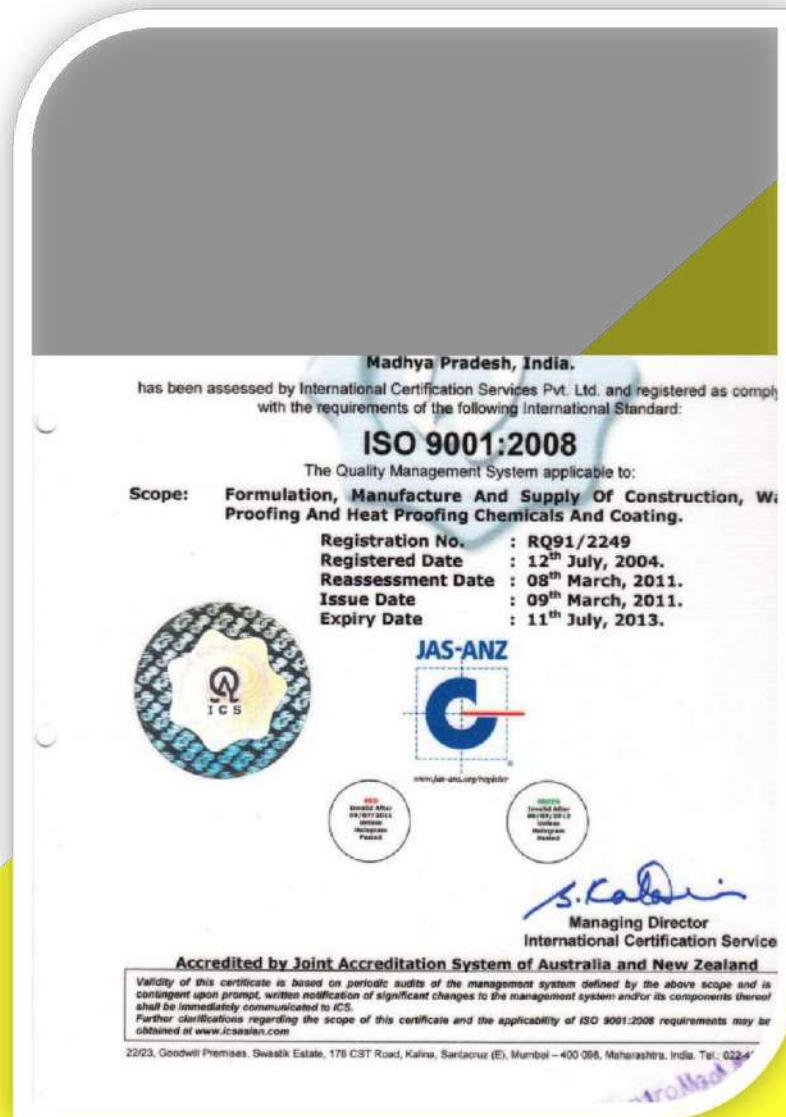


DURING

ICoCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com



ICoCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com

M.P., P.W.D. SATPURA BHAWAN, BHOPAL
SCHEDULE OF RATES FOR BUILDING WORKS (w.e.f. 15/05/2009)
(ERRATA/AMMENDMENT/ADDENDUM NO.3)

The S.O.R. in Item No.22.22 Chapter No.XXII (Water Proofing work) is ammended as under :

Item No.	EXISTING Description	Old Unit		AMMENDMENT Description	New Unit	
		Unit	Rate		Unit	Rate
22.22	Water proofing treatment of RCC roof, arch roof, surface sides & walls by WAC-99 (Water Proofing Additive for Cement which is highly concentrated multipurpose Latex Emulsion based Liquid Modifier) MOG-99 (Micronised Organic Grains which is micronised amorphous silica) and WPC-99 (Water proofing compound which is a performance blend of synthetic resins, emulsifiers & hardner, wetting agents Biocides etc.). Treatment includes removal of all existing loose material, cleaning of oil, dust, fungus, grass, rust etc. by mechanical tools, wire brush and then surface is micro washed with SAC-99 (Surface Activation chemical) mixed with two parts of water & one part SAC-99 (SAC-99 @20 Sqm./Lit.). All the cracks & undulations should be repaired by putty prepared with MOG-99, WAC-99 & Water in proportion of 3:1:1 by weight, further two coats of brushable mortar prepared with cement, WAC-99 & water (WAC-99 @0.350kg/Sqm. & cement @1.050 kg/sqm.) in the proportion of 1:1:1 by weight in 30 minuts interval. After 12 hours from application of Mortar another two coats of WPC-99 (@0.150kg/sqm.) mixed with water in the proportion of 1:1 as per norms within 40 minuts intervals should be applied. The surface will dry within 10 minuts and surface should be fully water proof and usable after a period of 8 hours. The rate includes the cost of all chemicals used, labours, tools & plants, leads, lifts etc. (With five years service guarantee)	cum	315.00	Water proofing treatment of RCC roof, arch roof, surface sides & walls by WAC-99 (Water Proofing Additive for Cement which is highly concentrated multipurpose Latex Emulsion based Liquid Modifier) MOG-99 (Micronised Organic Grains which is micronised amorphous silica) and WPC-99 (Water proofing compound which is a performance blend of synthetic resins, emulsifiers & hardner, wetting agents Biocides etc.). Treatment includes removal of all existing loose material, cleaning of oil, dust, fungus, grass, rust etc. by mechanical tools, wire brush and then surface is micro washed with SAC-99 (Surface Activation chemical) mixed with two parts of water & one part SAC-99 (SAC-99 @20 Sqm./Lit.). All the cracks & undulations should be repaired by putty prepared with MOG-99, WAC-99 & Water in proportion of 3:1:1 by weight, further two coats of brushable mortar prepared with cement, WAC-99 & water (WAC-99 @0.350kg/Sqm. & cement @1.050 kg/sqm.) in the proportion of 1:1:1 by weight in 30 minuts interval. After 12 hours from application of Mortar another two coats of WPC-99 (@0.150kg/sqm.) mixed with water in the proportion of 1:1 as per norms within 40 minuts intervals should be applied. The surface will dry within 10 minuts and surface should be fully water proof and usable after a period of 8 hours. The rate includes the cost of all chemicals used, labours, tools & plants, leads, lifts etc. (With five years service guarantee)	Sqm.	315.00
Note: The above item shall be executed only with the prior permission of the Chief Engineer of Concerned Zone. The above ammendments shall be applicable with effect from the date of issue.						

Enclt. No. 9/CommonSOR/Building/2010

Copy is forwarded to :-

1. P.A. to Hon'ble Minister, M.P. P.W.D. Bhopal
2. The Principal Secretary to Govt. of M.P. P.W.D. Bhopal
3. The Director General, (Road Development), Ministry of Road Transport & Highway, (Roads Wing), Transport Bhawan No.1, Parliament Street, New Delhi 110001
4. The Secretary to Govt. of M.P. P.W.D. Bhopal
5. The Chief Technical Examiner, M.P. Bhopal.
6. The Principal Secretary to Govt. of M.P. Housing & Environment, Bhopal.
7. The Accountant General, M.P. Gwalior/Bhopal.
8. The Secretary to Hon'ble Lokayukta, M.P. Bhopal
9. The Chief Engineer, M.P. P.W.D.
10. The Project Director, PMU, O/o E-in-C, M.P. P.W.D. Bhopal.
11. The Chief Engineer, M.P.R.D.C., M.P. Bhopal
12. The Chief Engineer, Rural Engineer Services, M.P. Bhopal
13. The Commissioner, Bhopal
14. The Collector, Bhopal
15. The Superintending Engineer, M.P. P.W.D. Capital Project Circle, CPA Bhopal.
16. The Superintending Engineer, M.P. P.W.D. NH & Bridge Circle
17. The Divisional Project Engineer, M.P. P.W.D. PIU
18. The Executive Engineer, M.P. P.W.D. Division

Bhopal, Dated 23/05/2011

ENGINEER-IN-CHIEF
M.P. P.W.D. BHOPAL

ENGINEER-IN-CHIEF
M.P. P.W.D. BHOPAL



MP. PWD SOR

ICOCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com



Receiving National Award
(Mr. P.C. Bhandari, MD-ICO LTD. Enineer Puls)

ICOCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com

6 Layer Waterproofing System



ICoCare
Doctor Of Your Home

Total 97 kg. Chemical for 1000sqft. (+2 Fibermash Roll + 150kg. Cement Extra)

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com

आपका निर्माण
अमर रहे



Thank You

ICoCare
Doctor Of Your Home

Also Find at :      

Customer Care & Whatsapp No. : 97540 68999, 92291 82999 | www.icoindia.com