

CHECK LIST

Necoflex RAM System

Radon – Air – Moisture

Project Name:	
Main Contractor:	
Project Manager:	
Necoflex Radon Soil Gas Control System Installed By	
Company:	
Name:	
Signed:	Date:
Necoflex Radon, Air and Moisture System Installed By	
Company:	
Name:	
Signed:	Date:

<i>Radon Soil Gas Control System</i> (Easi-Sump & Easi-Sump Cap-Link) For Full Installation Procedures see <u>Detail Sheet 1</u> of NSAI Agreement Cert 09/0328	Checked By	Date
Have the correct products been supplied to site bearing the name Easi Sump and Easi-Sump Cap-Link? YES / NO		
Hardcore as per engineer's specification		
Location of Easi-Sump(s) as per Architect's drawings		
Opening in base of Easi-Sump facing down		
Opes in internal foundation rising walls at approx same level as Easi-Sump and at centres not exceeding 1m		
110mm PVC-U pipe inserted correctly into Easi-Sump		
Location of Easi-Sump Cap-Link(s) as per Architect's drawings		
Fall in pipe-work from Easi-Sump Cap-link towards Easi-Sump (standard drainage fall applies)		
Opes in perimeter walls sealed		
Comments		

© Necoflex Limited 2012

Important Notice: This Check List is intended solely as an aid to site personnel who have responsibility for supervising and inspecting the installation of a radon protection system. The Check List should be considered in conjunction with the installation procedures in NSAI Agreement Certificate 09/0328, the Installation Guide (supplied with materials) and the design details supplied by the project architects and/or engineers. Enquiries to Necoflex Limited, Tel: (+353 1) 802 3333

Necoflex RAM System
Radon, Air and Moisture Protection

For full installation procedures refer to
NSAI Agreement Cert 09/0328

1. MATERIALS - Interface with Masonry Walls	YES	NO
Is Easi-Load radon damp-proof course specified on this project?		
If Yes, has correct material been supplied and installed as per manufacturer's recommendations?		
Have Easi-Load Pre-formed Radon Corners been specified on this project?		
If Yes, have correct materials been supplied and installed as per manufacturer's recommendations?		
2. MATERIALS - Floors		
State the name of the radon, air and moisture membrane specified on this project:		
	YES	NO
Has the correct material been supplied to site and installed as per manufacturer's recommendations?		
3. MATERIALS - Penetrations		
State the name(s) of the materials specified to seal service penetrations and membrane joints in the radon, air and moisture membrane on this project:		
	YES	NO
Have the correct materials been supplied to site and installed as per manufacturer's recommendations?		
COMMENTS		

GENERAL ITEMS TO CHECK		
	Checked By	Date
SUBSTRATE PREPARATION		
Surface free from sharp stones and other protrusions		
Free from standing water		
Surface blinded with soft sand (50mm min) or geotextile layer. Please state which:		
MEMBRANE JOINTS		
Membrane clean and free from dirt & grease		
Does the tape, as specified, match the appropriate colour as indicated in NSAI Agreement Cert No. 09/0328? Monobond RT = Blue Necobond = Yellow		
Tape applied 50mm from edge of bottom sheet with top sheet overlapped by 150mm, backing paper removed, joint properly rolled and sealed.		
Free from creases in tape or membrane		
PENETRATIONS		
Where pre-formed Top Hat units have been specified to seal 110mm service ducts & pipes the following items need to be checked		
Double layer thickness of 30mm Monobond RT on pipe (lower edge of tape should be located 25mm above where pipe penetrates membrane and backing paper removed)		
30mm Monobond RT continuous around outer edge of the underside of the top hat		
Steel retention clip on vertical section of Top hat and tightened to compress Monobond RT		
Where Easi-Pour Liquid Radon Sealant has been specified to seal Irregular shaped penetrations, stanchions & pipe sizes other than 110mm diameter the following items should be checked		
There should be a minimum of 30mm of radon membrane visible inside the Easi-Pour Flexi-Mould to allow for adequate lap		
There should be a gap of at least 30mm between penetrations to allow Easi-Pour flow around them		
Easi-Pour Liquid Radon Sealant should be poured to a depth of 30mm (flush with the top of the Easi-Pour Flexi-Mould). This should be checked after curing to ensure level has not dropped		
Easi-Pour should be kept dry while curing		
COMMENTS		

© Necoflex Limited 2012

Important Notice: This Check List is intended solely as an aid to site personnel who have responsibility for supervising and inspecting the installation of a radon protection system. The Check List should be considered in conjunction with the installation procedures in NSAI Agreement Certificate 09/0328, the Installation Guide (supplied with materials) and the design details supplied by the project architects and/or engineers. Enquiries to Necoflex Limited, Tel: (+353 1) 802 3333

GENERAL DETAILING	Checked By	Date
Membrane fully supported and without bridging at any point		
Provision for construction settlement as per Architect's details		
Concrete and Steel Columns clean and primed using Icopal SA Primer at points where radon, air and moisture membrane is to be sealed		
Concrete and Steel Columns correctly sealed using Monarseal MRX self-adhesive gas membrane as per manufacturer's recommended installation procedure. 150mm lap to column and 150mm lap to membrane (Instruction details available from Necoflex Ltd. 01 802 3333)		
Membrane covered by protective layer (screed or high density insulation should be placed as soon as possible after membrane installation)		
INDEPENDENT MEMBRANE INTEGRITY TEST	YES	NO
Has a membrane integrity test been specified on this project?		
If yes, please complete the following details		
Name of the person / company responsible for carrying out the test:		
Date test carried out:		
Were leaks detected in the membrane?		
If Yes, What action was taken to rectify the leaks:		
Was the membrane re-tested to confirm integrity?		
Project Manager's Signature:		
Date:		