



NEPTUNE BOAT FLOORING
WALKTHROUGH

FOR THE D.I.YER



Camera settings: kindly ensure that the camera's configuration matches the settings applied during its calibration for your specific targets. The Camera will arrive to you with correct setting, Double check to ensure the zoom is set at 24mm (Zoomed out to capture the most)

THE CAMERA COMES READY TO
GO IF SOMETHING HAPPENS
HERE IS THE FULL
EXPLANATION OF ALL CAMERA
SETTINGS

MANUAL MODE: SET YOUR CAMERA TO MANUAL MODE TO HAVE FULL CONTROL OVER EXPOSURE SETTINGS. THIS ENSURES CONSISTENCY IN YOUR PHOTOGRAPHS.

RAW FORMAT: SHOOT IN RAW FORMAT RATHER THAN JPEG. RAW FILES CONTAIN MORE INFORMATION AND ALLOW FOR BETTER POST-PROCESSING.

LOW ISO: USE THE LOWEST ISO SETTING POSSIBLE TO MINIMIZE NOISE IN YOUR PHOTOS. ISO 100 OR 200 IS A GOOD STARTING POINT FOR MOST CAMERAS.

APERTURE PRIORITY OR FIXED APERTURE: USE AN APERTURE PRIORITY MODE OR SET A FIXED APERTURE (E.G., F/8 OR F/11) TO MAINTAIN CONSISTENT DEPTH OF FIELD THROUGHOUT YOUR PHOTOS. THIS HELPS WITH ACCURATE PHOTOGRAMMETRY.

SHUTTER SPEED: CHOOSE A SHUTTER SPEED THAT AVOIDS MOTION BLUR. FOR HANDHELD SHOOTING, A SHUTTER SPEED OF 1/125 SECOND OR FASTER IS RECOMMENDED. IF USING A TRIPOD, YOU CAN USE LONGER EXPOSURES.

WHITE BALANCE: SET THE WHITE BALANCE TO MATCH YOUR LIGHTING CONDITIONS OR USE A CUSTOM WHITE BALANCE IF NECESSARY. CONSISTENT WHITE BALANCE IS IMPORTANT FOR COLOR ACCURACY.

MANUAL FOCUS: USE MANUAL FOCUS TO ENSURE THAT THE FOCUS POINT REMAINS CONSTANT ACROSS ALL PHOTOS. AUTOFOCUS CAN SOMETIMES SHIFT BETWEEN SHOTS, LEADING TO INACCURACIES IN YOUR 3D MODEL.

FIXED FOCAL LENGTH: IF POSSIBLE, USE A PRIME LENS WITH A FIXED FOCAL LENGTH. ZOOM LENSES CAN INTRODUCE DISTORTION THAT MAY AFFECT YOUR RESULTS.

GRID LINES: TURN ON GRID LINES IN YOUR CAMERA'S VIEWFINDER OR LCD SCREEN TO HELP WITH ALIGNMENT AND COMPOSITION.

STABLE TRIPOD: IF SHOOTING FROM A FIXED POSITION, USE A STABLE TRIPOD TO MINIMIZE CAMERA MOVEMENT BETWEEN SHOTS. A REMOTE SHUTTER RELEASE OR TIMER CAN FURTHER REDUCE CAMERA SHAKE.

OVERLAP AND COVERAGE: ENSURE THERE IS SUFFICIENT OVERLAP (TYPICALLY 60-80%) BETWEEN PHOTOS AND THAT YOU COVER THE ENTIRE SUBJECT FROM MULTIPLE ANGLES.

CONSISTENT LIGHTING: KEEP LIGHTING CONDITIONS AS CONSISTENT AS POSSIBLE THROUGHOUT THE PHOTOSHOOT. AVOID STRONG SHADOWS, AS THEY CAN OBSCURE DETAILS.

BRACKETED EXPOSURES: FOR CHALLENGING LIGHTING SITUATIONS, CONSIDER CAPTURING BRACKETED EXPOSURES TO ENSURE YOU HAVE A RANGE OF EXPOSURES TO CHOOSE FROM DURING PROCESSING.

NO DISTORTIONS: CORRECT FOR LENS DISTORTIONS AND CHROMATIC ABERRATION IF YOUR CAMERA AND SOFTWARE SUPPORT IT. THIS HELPS MAINTAIN ACCURACY IN YOUR 3D MODEL.

MANUAL EXPOSURE LOCK: IF YOUR CAMERA HAS AN EXPOSURE LOCK FUNCTION, USE IT TO LOCK EXPOSURE SETTINGS BETWEEN SHOTS.

CHECK YOUR RESULTS: PERIODICALLY REVIEW YOUR PHOTOS ON A COMPUTER OR TABLET DURING THE SHOOT TO ENSURE YOU'RE CAPTURING THE NECESSARY DATA AND QUALITY.

REMEMBER THAT THE SPECIFIC CAMERA SETTINGS MAY VARY DEPENDING ON YOUR SUBJECT, LIGHTING CONDITIONS, AND THE REQUIREMENTS OF YOUR PHOTOMODELER PROJECT. IT'S ESSENTIAL TO PRACTICE AND ADJUST YOUR SETTINGS BASED ON THE RESULTS YOU ACHIEVE DURING YOUR PHOTOGRAPHY SESSIONS.



STICK THE FIRST LOT OF TARGET CARDS DOWN AND OBTAIN ATLEAST 1 MEASUREMENT OF YOUR CHOICE BETWEEN ANY TWO OF THE TARGET CARDS

PLEASE DOCUMENT THE TARGET NUMBERS YOU HAVE CHOSEN AND MEASURED BETWEEN I.E TARGET 1 AND 50 HERE IS 1100MM



**ONCE TARGETS IN POSITION ENSURE THEY
DONT MOVE THROUGHOUT PROCESS**

**PLACE THE REMAINING TARGETS ON THE SURFACE, MAKING SURE YOU HAVE A MINIMUM OF 12 TARGETS WITHIN THE IMAGE;
THIS WILL DETERMINE WHERE YOU POSITION THE TARGETS.**



YOU ARE NOW PREPARED TO CAPTURE IMAGES. MAINTAIN A CONSISTENT CAMERA DISTANCE THROUGHOUT THE PROCESS. VISUALIZE YOUR CAMERA AS A SCANNER, AND SYSTEMATICALLY CAPTURE IMAGES ALONG THE BOAT'S EXTERIOR. BEGIN BY FOCUSING ON THE PERIMETER BEFORE COVERING THE ENTIRE SURFACE. ENSURE THAT EACH IMAGE INCLUDES A MINIMUM OF 12 TARGETS

NOTE: ITS BEST TO TAKE EXCESS PHOTOS! THE MORE THE BETTER!!

PERFORM THE SAME PROCEDURE FOR THE REMAINING SECTIONS, ENSURING THAT ALL AREAS REQUIRING ALIGNMENT OF THE FLOORING PATTERN ARE TEMPLATED TOGETHER. IF NOT, MAKE SURE TO ESTABLISH A REFERENCE POINT TO ENSURE PROPER ALIGNMENT OF ALL FLOORING LOCATIONS WITH THE PATTERN.





AND THE STUNNING BEFORE AND AFTER

IN OUR LIGHT GREY
ON BLACK

Having finished capturing the images, kindly send back the camera to the following address: Unit 8/4 Gundah Road, Mount Kuring-gai, NSW 2080. You will be provided with a prepaid return postage package to pack the camera and associated targets inside.

If you require any assistance, please email info@neptuneboatflooring.com.au

or

Phone (02) 9457 0174



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