

PADI TEC 45

Where the *PADI TEC 40* course ends, the *PADI TEC 45* course starts. Take your training as a *technical diver* to the next level: go even deeper into the wonderful depths that the sea of Ustica has to offer and be enabled to make accelerated decompression stops.

PADI TEC 45 Program

What you'll learn during your *PADI TEC45* diver course:

- Use all standard technical equipment (including the double tank). How to configure your technical equipment and check its proper functioning.
- What is the redundancy of the equipment, how to apply it and use it in an emergency
- The procedures to be followed in an emergency during technical diving
- How to calculate and use the SAC (Surface Air Consumption) rate, the partial pressures of the gases, volumes and pressures of a cylinder and the MOD (Maximum Operating Depth) of a mixture.
- Use Deco software to plan *dives*
- Dive to a maximum depth of 45 meters
- Use a single cylinder with decompression gas containing maximum 100% oxygen for accelerated decompression or to make the necessary decompression more conservative

The PADI TEC45 Diver course is divided into three main parts:

1. Knowledge development (individual and classroom study).
2. Three practical applications in the classroom.
3. Four open water dives to practice technical diving skills.

PADI TEC45 Prerequisites

To enroll for the PADI TEC45 diver course you need to be at least 18 years old and both a *Rescue Diver* and a *TEC40 diver*. You need to have at least 50 logged dives, from which 12 with nitrox to a depth deeper than 18 metres and 6 dives deeper than 30 metres.

Credit/Certification PADI TEC 45

By completing your course, you will receive your PADI Tec 45 Diver certification, which will allow you to dive up to 45m with decompression and using a decompression gas up to

100% oxygen for accelerated decompression or for more conservative decompression. This certification is a prerequisite for enrolling in the PADI TEC 50 course.

Characteristics of PADI TEC 45

- **Type:** Course for advanced divers
- **Duration:** 4-5 days with classroom lessons and 4 open water dives
- **Certification:** PADI TEC45
- **Requirements:** +18 years, Rescue Diver, TEC40 Diver, 50 dives, 12 dives with EANx >18m, 6 dives >30m
- **Cost:** € 700,00